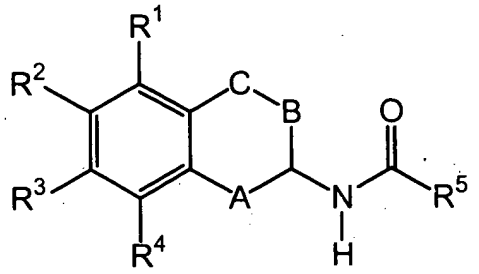
Amendments to the Claims:

This listing of claims will replace all prior version, and listing, of claims in the application.

Listing of Claims:

1. (Currently amended) An acylated 1,2,3,4-tetrahydronaphthyl amine according to the general formula (I) in any of its stereoisomeric forms or a mixture thereof in any ratio or a pharmaceutically acceptable salt thereof



(I)

wherein

R^1 and R^4 are independently of each other ~~selected~~ chosen from ~~the group consisting of~~:

H; unsubstituted and at least monosubstituted C_1-C_{10}-alkyl, C_2-C_{10}-alkenyl and C_2-C_{10}-alkynyl, the substituents of which are ~~selected~~ chosen from ~~the group consisting of~~ F, OH, C_1-C_8-alkoxy, (C_1-C_8-alkyl)mercapto, CN, $COOR^6$, $CONR^7R^8$, and unsubstituted and at least monosubstituted phenyl and heteroaryl, the substituents of which are ~~selected~~ chosen from ~~the group consisting of~~ halogens, pseudohalogens, C_1-C_3-alkyl, C_1-C_3-alkoxy and CF_3; unsubstituted and at least monosubstituted phenyl and heteroaryl, the substituents of which are ~~selected~~ chosen from ~~the group consisting of~~ halogens, pseudohalogens, C_1-C_3-alkyl, C_1-C_3-alkoxy and CF_3; R^9CO; $CONR^{10}OR^{11}$;

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$COOR^{12}$; CF_3; halogens; pseudohalogens; $NR^{13}R^{14}$; OR^{15}; $S(O)_mR^{16}$; $SO_2NR^{17}R^{18}$; and NO_2;

R_2 and R_3 are independently of each other ~~selected~~ chosen from ~~the group consisting of~~:

H; halogens; pseudohalogens; unsubstituted and at least monosubstituted C_1-C_{10}-alkyl the substituents of which are ~~selected~~ chosen from ~~the group consisting of~~ OH, phenyl, and heteroaryl; OH; C_1-C_{10}-alkoxy; phenoxy; $S(O)_mR^{19}$; CF_3; CN; NO_2; (C_1-C_{10}-alkyl)amino; di(C_1-C_{10}-alkyl)amino; (C_1-C_6-alkyl)-CONH-; unsubstituted and at least monosubstituted phenyl-CONH- and phenyl-SO_2-O-, the substituents of which are ~~selected~~ chosen from ~~the group consisting of~~ halogens, pseudohalogens, CH_3 and methoxy; (C_1-C_6-alkyl)SO_2-O-; unsubstituted and at least monosubstituted (C_1-C_6-alkyl)CO, the substituents of which are ~~selected~~ chosen from ~~the group consisting of~~ F, di(C_1-C_3-alkyl)amino, pyrrolidinyl and piperidinyl; and phenyl-CO, the phenyl part of which can be substituted by one or more substituents chosen from ~~the group consisting of~~ C_1-C_3-alkyl, halogens and methoxy;

A is ~~selected~~ chosen from ~~the group consisting of~~ CH_2, CHOH and CH-(C_1-C_3-alkyl);

B is ~~selected~~ chosen from ~~the group consisting of~~ CH_2 and CH-(C_1-C_3-alkyl);

C independently has the same meaning as B;

R^5 is a group Hetar which can be unsubstituted or carry one or more substituents ~~selected~~ chosen from ~~the group consisting of~~: halogens; pseudohalogens; NH_2; unsubstituted and at least monosubstituted C_1-C_{10}-alkyl, C_2-C_{10}-

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alkynyl, C_1-C_{10}-alkoxy, (C_1-C_{10}-alkyl)amino, and di(C_1-C_{10}-alkyl)amino, the substituents of which are ~~selected~~ chosen from ~~the group consisting of~~ F, OH, C_1-C_8-alkoxy, aryloxy, (C_1-C_8-alkyl)mercapto, NH_2, (C_1-C_8-alkyl)amino, and di(C_1-C_8-alkyl)amino; C_3-C_5-alkandiyl; phenyl; heteroaryl; aryl-substituted C_1-C_4-alkyl; ~~or~~ heteroaryl-substituted C_1-C_4-alkyl; CF_3; NO_2; OH; phenoxy; benzyloxy; (C_1-C_{10}-alkyl)COO; $S(O)_mR^{20}$; SH; phenylamino; benzylamino; (C_1-C_{10}-alkyl)-CONH-; (C_1-C_{10}-alkyl)-CON(C_1-C_4-alkyl)-; phenyl-CONH-; phenyl-CON(C_1-C_4-alkyl)-; heteroaryl-CONH-; heteroaryl-CON(C_1-C_4-alkyl)-; (C_1-C_{10}-alkyl)-CO; phenyl-CO; heteroaryl-CO; CF_3-CO; -OCH_2O-; -OCF_2O-; -OCH_2CH_2O-; -CH_2CH_2O-; $COOR^{21}$; $CONR^{22}R^{23}$; $CNH(NH_2)$; $SO_2NR^{24}R^{25}$; $R^{26}SO_2NH$-; $R^{27}SO_2N$(C_1-C_6-alkyl)-; and saturated and at least monounsaturated aliphatic, mononuclear 5- to 7-membered heterocycles containing 1 to 3 heteroatoms ~~selected~~ chosen from ~~the group consisting of~~ N, O, and S, which heterocycles can be substituted by one or more substituents ~~selected~~ chosen from ~~the group consisting of~~ halogens, C_1-C_3-alkyl, C_1-C_3-alkoxy, OH, oxo and CF_3, and wherein said heterocycles can optionally be condensed to ~~the~~ said group Hetar; and wherein all aryl, heteroaryl, phenyl, aryl-containing, heteroaryl-containing and phenyl-containing groups, which are optionally present in ~~the~~ said substituents of ~~the~~ said group Hetar, can be substituted by one or more substituents ~~selected~~ chosen from ~~the group consisting of~~ halogens, pseudohalogens, C_1-C_3-alkyl, OH, C_1-C_3-alkoxy, and CF_3;

R^6 is ~~selected~~ chosen from ~~the group consisting of~~:

H; C_1-~~C10~~C_{10}-alkyl, which can be substituted by one or more substituents ~~selected~~ chosen from ~~the group consisting of~~ F, C_1-C_8-alkoxy, and di(C_1-C_8-

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alkyl)amino; aryl-(C_1-C_4-alkyl) and heteroaryl-(C_1-C_4-alkyl), which can be substituted by one or more substituents ~~selected~~ chosen from ~~the group consisting of~~ halogens, C_1-C_4-alkoxy, and di(C_1-C_6-alkyl)amino;

R^7 is ~~selected~~ chosen from ~~the group consisting of~~:

H; C_1-~~C10~~C_{10}-alkyl which can be substituted by one or more substituents, ~~selected~~ chosen from ~~the group consisting of~~ F, C_1-C_8-alkoxy, di(C_1-C_8-alkyl)amino and phenyl; phenyl; indanyl; and heteroaryl; and wherein each of the aforementioned aromatic groups can be unsubstituted or carry one or more substituents chosen from ~~the group consisting of~~ halogens, pseudohalogens, C_1-C_3-alkyl, C_1-C_3-alkoxy and CF_3;

R^8 is H or C_1-C_{10}-alkyl;

R^9 is ~~selected~~ chosen from ~~the group consisting of~~: C_1-C_{10}-alkyl which can be unsubstituted or carry one or more substituents chosen from ~~the group consisting of:~~ F, (C_1-C_4)-alkoxy, di(C_1-C_3-alkyl)amino; and unsubstituted and at least monosubstituted phenyl and heteroaryl, the substituents of which are ~~selected~~ chosen from ~~the group consisting of~~ C_1-C_3-alkyl, C_1-C_3-alkoxy, halogens, pseudohalogens, and CF_3;

R^{10} independently has the same meaning as R^7;

R^{11} independently has the same meaning as R^8;

R^{12} independently has the same meaning as R^6;

R^{13} is ~~selected~~ chosen from ~~the group consisting of:~~ H; C_1-C_6-alkyl; unsubstituted and substituted phenyl, benzyl, heteroaryl, (C_1-C_6-alkyl)-CO, phenyl-CO, and heteroaryl-CO, the substituents of which are ~~selected~~ chosen

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from ~~the group consisting of~~ halogens, pseudohalogens, C_1-C_3-alkyl, C_1-C_3-alkoxy, and CF_3, and wherein one or more of these substituents can be present;

R^{14} independently has the same meaning as R^{13};

R^{15} is ~~selected~~ chosen from ~~the group consisting of:~~ H; C_1-C_{10}-alkyl; (C_1-C_3-alkoxy)-C_1-C_3-alkyl; and substituted and unsubstituted benzyl, phenyl and heteroaryl, the substituents of which are ~~selected~~ chosen from ~~the group consisting of~~ halogens, pseudohalogens, C_1-C_3-alkyl, C_1-C_3-alkoxy, and CF_3, and wherein one or more of these substituents can be present;

R^{16} is ~~selected~~ chosen from ~~the group consisting of:~~ C_1-C_{10}-alkyl which can be substituted by one or more substituents ~~selected~~ chosen from ~~the group consisting of~~ F, OH, C_1-C_8-alkoxy, aryloxy, (C_1-C_8-alkyl)mercapto, (C_1-C_8-alkyl)amino and di(C_1-C_8-alkyl)amino; CF_3, and substituted and unsubstituted phenyl and heteroaryl, the substituents of which are ~~selected~~ chosen from ~~the group consisting of~~ halogens, pseudohalogens, C_1-C_3-alkyl, C_1-C_3-alkoxy and CF_3, and wherein one or more of these substitutents can be present;

R^{17} independently has the same meaning as R^7;

R^{18} independently has the same meaning as R^8;

R^{19} independently has the same meaning as R^{16};

R^{20} independently has the same meaning as R^{16};

R^{21} independently has the same meaning as R^6;

R^{22} independently has the same meaning as R^7;

R^{23} independently has the same meaning as R^8;

R^{24} independently has the same meaning as R^7;

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R^{25} independently has the same meaning as R^8;

R^{26} independently has the same meaning as R^{16};

R^{27} independently has the same meaning as R^{16};

heteroaryl is a 5 to 10-membered, aromatic, mono- or bicyclic heterocycle containing one or more heteroatoms ~~selected~~ chosen from ~~the group consisting of~~ N, O, and S;

the group Hetar is a 5 to 10-membered, aromatic, mono- or bicyclic heterocycle containing one or more heteroatoms ~~selected~~ chosen from ~~the group consisting of~~ N, O, and S; aryl is phenyl, naphth-1-yl or naphth-2-yl;

m is 0, 1 or 2;

with the proviso that, ~~in case~~where R^1, R^2, R^3 and R^4 are hydrogen or one of the substituents, R^1 R^2, R^3 or R^4 is C_1-C_6-alkoxy, R^5 is not unsubstituted pyridyl or unsubstituted or substituted 4-oxoquinolinyl;

where one of the groups R^1 and R^2 is hydroxy and the other groups of R^1, R^2, R^3, and R^4 are hydrogen, R^5 is not unsubstituted pyridyl; and

where groups A, B, and C are each CH_2, R^5 is not 5-nitrofuryl.

2. (Currently amended) ~~An~~ The acylated 1,2,3,4-tetrahydronaphthyl amine in any of its stereoisomeric forms or a mixture thereof in any ratio or a pharmaceutically acceptable salt thereof according to claim 1, wherein in the formula (I)

R^1 is ~~selected~~ chosen from ~~the group consisting of:~~ H; C_1-C_4-alkyl; C_1-C_4-alkoxy; CF_3; halogens; pseudohalogens; (C_1-C_4-alkyl)-$S(O)_m$-; and unsubstituted and at least monosubstituted phenyl and heteroaryl, the substituents of which are ~~selected~~ chosen from ~~the group consisting of~~ halogens, pseudohalogens, C_1-C_3-

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alkyl, C_1-C_3-alkoxy and CF_3, and wherein heteroaryl is ~~selected~~ chosen from ~~the group consisting of~~ 5- and 6-membered heterocycles containing one or more heteroatoms chosen from ~~the group consisting of~~ N, O, and S;

R^2 and R^3 are independently of each other ~~selected~~ chosen from ~~the group consisting of~~:

H; halogens; pseudohalogens; and C_1-C_3-alkyl;

R^4 independently has the same meaning as R^1;

A is ~~selected~~ chosen from ~~the group consisting of~~ CH_2 and CHOH;

B and C are independently of each other ~~selected~~ chosen from ~~the group consisting of~~ CH_2 and $CH\text{-}CH_3$;

R^5 is a group Hetar which can be unsubstituted or carry one or more substituents ~~selected~~ chosen from ~~the group consisting of~~: halogens; CN; NH_2; unsubstituted and at least monosubstituted C_1-C_8-alkyl, C_2-C_8-alkenyl, C_2-C_8-alkynyl, C_1-C_8-alkoxy, (C_1-C_8-alkyl)amino, and di(C_1-C_8-alkyl)amino, the substituents of which are ~~selected~~ chosen from ~~the group consisting of~~ F, C_1-C_6-alkoxy, phenoxy, (C_1-C_6-alkyl)mercapto, NH_2, (C_1-C_6-alkyl)amino, and di(C_1-C_6-alkyl)amino; C_3-C_5-alkandiyl; phenyl; heteroaryl; phenyl-substituted C_1-C_2-alkyl; ~~or~~ heteroaryl-substituted C_1-C_2-alkyl; CF_3; OH; phenoxy; benzyloxy; (C_1-C_6-alkyl)COO; $S(O)_m(C_1$-$C_6)$-alkyl; $S(O)_m$-phenyl; $S(O)_m$-heteroaryl; SH; phenylamino; benzylamino; (C_1-C_6-alkyl)-CONH-; (C_1-C_6-alkyl)-CON(C_1-C_4-alkyl)-; phenyl-CONH-; phenyl-CON(C_1-C_4-alkyl)-; heteroaryl-CONH-; heteroaryl-CON(C_1-C_4-alkyl)-; (C_1-C_6-alkyl)-CO; phenyl-CO; heteroaryl-CO; CF_3-CO; $-OCH_2O-$; $-OCF_2O-$; $-OCH_2CH_2O-$; $-CH_2CH_2O-$; $COO(C_1$-C_6-alkyl); $-CONH_2$; $-CONH(C_1$-C_6-alkyl); -

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CON(di(C_1-C_6-alkyl)); CNH(NH_2); -SO_2NH_2; -SO_2NH(C_1-C_6-alkyl); -SO_2NH(phenyl); -SO_2N(di(C_1-C_6-alkyl)); (C_1-C_6-alkyl)SO_2NH-; (C_1-C_6-alkyl)SO_2N(C_1-C_6-alkyl)-; phenyl-SO_2NH-; phenyl-SO_2N(C_1-C_6-alkyl)-; heteroaryl-SO_2NH-; heteroaryl-SO_2N(C_1-C_6-alkyl)-; and saturated and at least monounsaturated aliphatic, mononuclear 5- to 7-membered heterocycles containing 1 to 3 heteroatoms ~~selected~~ chosen from ~~the group consisting of~~ N, O, and S, which heterocycles can be substituted by one or more substituents ~~selected~~ chosen from ~~the group consisting of~~ halogens, C_1-C_3-alkyl, C_1-C_3-alkoxy, OH, oxo, and CF_3, and wherein said heterocycles can optionally be condensed to ~~the~~ said group Hetar; and wherein all heteroaryl, phenyl, heteroaryl-containing and phenyl-containing groups, which are optionally present in ~~the~~ said substituents of ~~the~~ said group Hetar, can be substituted by one or more substituents ~~selected~~ chosen from ~~the group consisting of~~ halogens, pseudohalogens, C_1-C_3-alkyl, OH, C_1-C_3-alkoxy, and CF_3;

heteroaryl is a 5 to 10-membered, aromatic, mono- or bicyclic heterocycle containing one or more heteroatoms ~~selected~~ chosen from ~~the group consisting of~~ N, O, and S;

the group Hetar is a 5 to 10-membered, aromatic, mono- or bicyclic heterocycle containing one or more heteroatoms ~~selected~~ chosen from ~~the group consisting of~~ N, O and S; and

m is O or 2.

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3. (Currently amended) ~~An~~ The acylated 1,2,3,4-tetrabydronaphthyl amine in any of its stereoisomeric forms or a mixture thereof in any ratio or a pharmaceutically acceptable salt thereof according to claim 1, wherein in the formula (I)

R^1 is H, halogen or C_1-C_4-alkyl;

R^2 and R^3 are each H;

R^4 independently has the same meaning as R^1;

A is CH_2;

R^5 is a group Hetar which can be unsubstituted or carry one or more substituents ~~selected~~ chosen from ~~the group consisting of~~: halogens; CN; NH_2; unsubstituted and at least monosubstituted ~~Cl~~ C_1-C_6-alkyl, C_2-C_6-alkenyl, C_2-C_6-alkynyl, C_1-C_3-alkoxy, (C_1-C_4-alkyl)amino, and di(C_1-C_4-alkyl)amino, the substituents of which are ~~selected~~ chosen from ~~the group consisting of~~ F, C_1-C_3-alkoxy, (C_1-C_3-alkyl)mercapto, and NH_2; C_3-C_5-alkandiyl; phenyl; heteroaryl; phenyl-substituted C_1-C_2-alkyl; ~~or~~ heteroaryl-substituted C_1-C_2-alkyl; CF_3; OH; (C_1-C_4-alkyl)COO; $S(O)_m$(C_1-C_4)-alkyl; (C_1-C_4-alkyl)-CONH-; (C_1-C_4-alkyl)-CON(C_1-C_4-alkyl)-; (C_1-C_4-alkyl)-CO; phenyl-CO; heteroaryl-CO; CF_3-CO; -OCH_2O-; -OCF2O-; -OCH_2CH_2O-; -CH_2CH_2O-; COO(C_1-C_6-alkyl); -$CONH_2$; -CONH(C_1-C_4-alkyl); -CON(di(C_1-C_4-alkyl)); CNH(NH_2); -SO_2NH_2; -SO_2NH(C_1-C_4-alkyl); -SO_2NH(phenyl); -SO_2N(di(C_1-C_4-alkyl)); (C_1-C_4-alkyl)SO_2NH-; (C_1-C_4-alkyl)SO_2N(C_1-C_4-alkyl)-; and saturated and at least monounsaturated aliphatic, mononuclear 5- to 7-membered heterocycles containing 1 to 3 heteroatoms ~~selected~~ chosen from ~~the group consisting of~~ N, O, and S, which heterocycles can be substituted by one or more substituents ~~selected~~ chosen from ~~the group~~

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~~consisting of~~ halogens, C_1-C_3-alkyl, C_1-C_3-alkoxy, OH, oxo and CF_3, and wherein said heterocycles can optionally be condensed to ~~the~~ said group Hetar; and wherein all heteroaryl, phenyl., heteroaryl-containing and phenyl-containing groups, which are optionally present in ~~the~~ said substituents of ~~the~~ said group Hetar, can be substituted by one or more substituents ~~selected~~ chosen from ~~the group consisting of~~ halogens, pseudohalogens, C_1-C_3-alkyl, OH, C_1-C_3-alkoxy, and CF_3;

heteroaryl is a 5 to 10-membered, aromatic, mono- or bicyclic heterocycle containing one, two or three heteroatoms ~~selected~~ chosen from ~~the group consisting of~~ N, O, and S;

A1

the group Hetar is a 5 to 10-membered, aromatic, mono- or bicyclic heterocycle containing one, two or three heteroatoms ~~selected~~ chosen from ~~the group consisting of~~ N, O, and S; and

m is 0 or 2.

4. (Currently amended) ~~An~~ The acylated 1,2,3,4-tetrahydronaphthyl amine in any of its stereoisomeric forms or a mixture thereof in any ratio or a pharmaceutically acceptable salt thereof according to claim 1, wherein in the formula (I)

R^1 is H, halogen or C_1-C_4-alkyl;

R^2 and R^3 are each H;

R^4 independently has the same meaning as R^1;

A and B are each CH_2;

C is CH_2 or CH-CH_3;

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R^5 is a group Hetar which can be unsubstituted or carry one or more substituents ~~selected~~ chosen from ~~the group consisting of~~: F; ~~C_4~~Cl; Br; C_1-C_3-alkyl; C_1-C_3-alkoxymethyl; 2-amino-3,3,3-trifluoro-propyl-; CF_3; C_3-C_5-alkandiyl; phenyl; heteroaryl; benzyl; heteroaryl-methyl; OH; C_1-C_3-alkoxy; phenoxy; trifluoromethoxy; 2,2,2-trifluoroethoxy; (C_1-C_4-alkyl)COO; (C_1-C_3-alkyl)mercapto; phenylmercapto; (C_1-C_3-alkyl)sulfonyl; phenylsulfonyl; NH_2; (C_1-C_4-alkyl)amino; di(C_1-C_4-alkyl)amino; (C_1-C_3-alkyl)-CONH-; (C_1-C_3-alkyl)-SO_2NH-; (C_1-C_3-alkyl)-CO; phenyl-CO; -OCH_2O-., -OCF_2O-; -CH_2CH_2O-; COO(C_1-C_4-alkyl); -$CONH_2$; -CONH(C_1-C_4-alkyl); -CON(di(C_1-C_4-alkyl)); CN; -SO_2NH_2; -SO_2NH(C_1-C_4-alkyl); -SO_2N(di(C_1-C_4-alkyl)); pyrrolidinyl; piperidinyl; morpholinyl; and thiomorpholinyl; and wherein all heteroaryl, phenyl, heteroaryl-containing and phenyl -containing groups, which are optionally present in ~~the~~ said substituents of ~~the~~ said group Hetar, can be substituted by one or more substituents ~~selected~~ chosen from ~~the group consisting of~~ halogens, pseudohalogens, C_1-C_3-alkyl, OH, C_1-C_3-alkoxy, and CF_3;

heteroaryl is ~~selected~~ chosen from ~~the group consisting of~~: furyl, pyrrolyl, thienyl, thiazolyl, isothiazolyl, oxazolyl, isoxazolyl, pyrazolyl, imidazolyl, pyridazinyl, pyrazinyl, pyridyl, pyrimidinyl, benzoimidazolyl, benzthiazolyl, benzoxazolyl, quinolinyl, isoquinolinyl, quinoxalinyl, quinazolyl, indolyl, benzofuranyl, benzothiophenyl, and indazolyl;

the group Hetar is ~~selected~~ chosen from ~~the group consisting of~~: furyl, pyrrolyl, thienyl, thiazolyl, isothiazolyl, oxazolyl, isoxazolyl, pyrazolyl, imidazolyl, pyridazinyl, pyrazinyl, pyridyl, pyrimidinyl, benzoimidazolyl, benzothiazolyl,

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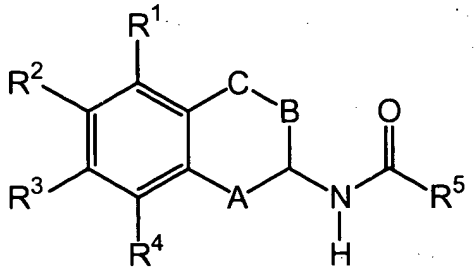
benzoxazolyl, quinolinyl, isoquinolinyl, quinoxalinyl, quinazolyl, indolyl, benzofuranyl, benzothiophenyl, and indazolyl.

5. (Currently amended) An acylated 1,2,3,4-tetrahydronaphthyl amine according to the general formula (I) in any of its stereoisomeric forms or a mixture thereof in any ratio or a pharmaceutically acceptable salt thereof ~~according to claim 1, wherein in the formula (I)~~



(I)

wherein R^1 is H, halogen or C_1-C_4-alkyl;

R^2 and R^3 are each H;

R^4 independently has the same meaning as R^1;

A and B are each CH_2;

C is CH_2 or $CH\text{-}CH_3$;

R^5 is ~~selected~~ chosen from ~~the group consisting of~~: benzo[1,3]dioxol-5-yl, 2,2-difluoro-benzo[1,3]dioxol-5-yl, 2,3-dihydrobenzofuran-5-yl, 1-(4-chloro-phenyl)-5-trifluoromethyl-1H-pyrazole-4-yl, 1-(4-fluoro-phenyl)-3,5-dimethyl-1H-pyrazole-4-yl, 1H-benzotriazole-5-yl, 1H-indole-4-yl, 1H-indole-6-yl, 1-isopropyl-2-trifluoromethyl- 1H-benzoimidazole-5-yl, 1-methyl-3 -oxo- 1,2,3,4-tetrahydro-quinoxaline-6-yl, 1-phenyl-5-trifluoromethyl-1H-pyrazole-4-yl, 2-(2-hydroxy-pyridin-4-yl)-1H-benzoimidazole-5-yl, 2-(4-cyano-phenyl)-1H-benzoimidazole-5-yl, 2,4-dimethyl-oxazole-5-yl, 2,4-dimethyl-pyrimidine-5-yl, 2,4-dimethyl-thiazole-

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5-yl, 2,5-dimethyl-1H-pyrrole-3-yl, 2,5-dimethyl-1-phenyl-1H-pyrrole-3-yl, 2,5-dimethyl-1-pyridin-4-ylmethyl-1H-pyrrolyl, 2,5-dimethyl-2H-pyrazole-3-yl, 2,6-dichloro-pyrid-3-yl, 2,6-dimethoxy-pyrid-3-yl, 2,6-dimethyl-pyrid-3-yl, 2-amino-4,6-dimethyl-pyrid-3-yl, 2-amino-6-chloro-pyrid-3-yl, 2-amino-pyrid-3-yl, 2-chloro-6-methyl-pyrid-3-yl, 2-chloro-pyrid-4-yl, 2-cyclopropyl-4-methyl-thiazole-5-yl, 2-dimethylamino-4-methyl-thiazole-5-yl, 2-dimethylamino-pyrid-4-yl, 2-ethyl-5-methyl-2H-pyrazole-3-yl, 2-hydroxy-6-methyl-pyrid-3-yl, 2-methyl-1H-benzoimidazole-5-yl, 2-methyl-3H-benzoimidazole-5-yl, 2-methyl-pyrid-3-yl, 2-methyl-6-trifluoromethyl-pyrid-3-yl, 2-methyl-thiazole-5-yl, 2-morpholin-4-yl-pyridin-4-yl, 2-morpholin-4-yl-pyrimidine-5-yl, 2-pyrrolidin-1-yl-pyridin-4-yl, 3,5-dimethyl-1H-pyrazole-4-yl, 3-amino-5,6-dimethyl-pyrazine-2-yl, 3-amino-5-methyl-pyrazine-2-yl, 3-amino-pyrazine-2-yl, 3H-benzoimidazole-5-yl, 1H-benzoimidazole-5-yl, 3-methyl-isoxazole-4-yl, 4,6-dimethyl-pyrid-3-yl, 4-amino-2-ethylsulfanyl-pyrimidine-5-yl, 4-amino-2-methyl-pyrimidine-5-yl, 4-methyl-thiazole-5-yl, pyridine-2-yl, pyridine-3-yl, pyridine-4-yl, 5-thiophen-2-yl-pyrid-3-yl, 2-methyl-4-trifluoromethyl-thiazol-5-yl, 5,6,7,8-tetrahydro-quinoline-3-yl, 5-amino-1-phenyl-1H-pyrazole-4-yl, 5-methyl-1-phenyl-1H-pyrazole-4-yl, 5-methyl-isoxazole-3-yl, 5-methyl-pyrid-3-yl, 5-methyl-pyrazine-2-yl, 6-chloro-pyrid-3-yl, 6-cyano-pyrid-3-yl, 6-dimethylamino-pyrid-3-yl, 6-ethynyl-pyrid-3-yl, 6-methoxymethyl-pyrid-3-yl, 6-methoxy-pyrid-3-yl, 6-methyl-2-methylamino-pyrid-3-yl, 6-methylamino-pyrazine-2-yl, 6-methyl-pyrid-3-yl, 6-morpholin-4-yl-pyrid-3-yl, 6-pyrrolidin-1-yl-pyrid-3-yl, imidazo[1,2-a]pyridine-2-yl, 6-trifluoromethyl-pyrid-3-yl, and pyrimidine-4-yl.

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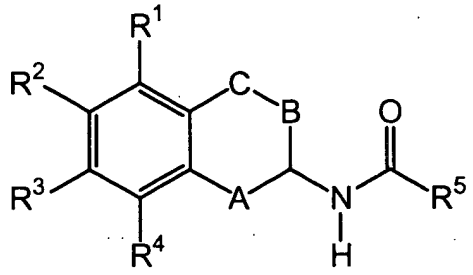
6. (Currently amended) A method of stimulating the expression of endothelial NO-synthase in a mammal, which method comprises administering ~~to~~ said mammal a physiologically active amount of a compound according to the general formula (I) in any of its stereoisomeric forms or a mixture thereof in any ratio or a pharmaceutically acceptable salt thereof



(I)

wherein, in the formula (I),

R^1 and R^4 are independently from each other ~~selected~~ chosen from ~~the group consisting of~~:

H; unsubstituted and at least monosubstituted C_1-C_{10}-alkyl, C_2-C_{10}-alkenyl and C_2-C_{10}-alkynyl, the substituents of which are ~~selected~~ chosen from ~~the group consisting of~~ F, OH, C_1-C_8-alkoxy, (C_1-C_8-alkyl)mercapto, CN, $COOR^6$, $CONR^7R^8$, and unsubstituted and at least monosubstituted phenyl and heteroaryl, the substituents of which are ~~selected~~chosen from ~~the group consisting of~~ halogens, pseudohalogens, C_1-C_3-alkyl, C_1-C_3-alkoxy and CF_3; unsubstituted and at least monosubstituted phenyl and heteroaryl, the substituents of which are ~~selected~~ chosen from ~~the group consisting of~~ halogens, pseudohalogens, C_1-C_3-alkyl, C_1-C_3-alkoxy and CF_3; R^9CO; $CONR^{10}R^{11}$; $COOR^{12}$; CF_3; halogens; pseudohalogens; $NR^{13}R^{14}$; OR^{15}; $S(O)_mR_{16}$; $SO_2NR^{17}R^{18}$; and NO_2;

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R^2 and R^3 are independently from each other ~~selected~~ chosen from ~~the group consisting of~~:

H; halogens; pseudohalogens; unsubstituted and at least monosubstituted C_1-C_{10}-alkyl the substituents of which are ~~selected~~ chosen from ~~the group consisting of~~ OH, phenyl, and heteroaryl; OH; C_1-C_{10}-alkoxy; phenoxy; $S(O)_mR^{19}$; CF_3; CN; NO_2; (C_1-C_{10}-alkyl)amino; di(C_1-C_{10}-alkyl)amino; (C_1-C_6-alkyl)-CONH-; unsubstituted and at least monosubstituted phenyl-CONH- and phenyl-SO_2-O-, the substituents of which are ~~selected~~ chosen from ~~the group consisting of~~ halogens, pseudohalogens, CH_3 and methoxy; (C_1-C_6-alkyl)SO_2-O-; unsubstituted and at least monosubstituted (C_1-C_6-alkyl)CO, the substituents of which are ~~selected~~ chosen from ~~the group consisting of~~ F, di(C_1-C_3-alkyl)amino, pyrrolidinyl and piperidinyl; and phenyl-CO, the phenyl part of which can be substituted by one or more substituents chosen from ~~the group consisting of~~ C_1-C_3-alkyl, halogens and methoxy;

A is ~~selected~~ chosen from ~~the group consisting of~~ CH_2, CHOH and CH-(C_1-C_3-alkyl);

B is ~~selected~~ chosen from ~~the group consisting of~~ CH_2 and CH-(C_1-C_3-alkyl);

C independently has the same meaning as B;

R^5 is a group Ar or a group Hetar both of which can be unsubstituted or carry one or more substituents ~~selected~~ chosen from ~~the group consisting of~~: halogens; pseudohalogens; NH_2; unsubstituted and at least monosubstituted C_1-C_{10}-alkyl, C_2-C_{10}-alkenyl, C_2-C_{10}-alkynyl, C_1-C_{10}-alkoxy, (C_1-C_{10}-alkyl)amino, and di(C_1-C_{10}-alkyl)amino, the substituents of which are ~~selected~~ chosen from ~~the group~~

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~~consisting of~~ F, OH, C_1-C_8-alkoxy, aryloxy, (C_1-C_8-alkyl)mercapto, NH_2, (C_1-C_8-alkyl)amino, and di(C_1-C_8-alkyl)amino; C_3-C_5-alkandiyl; phenyl; heteroaryl; aryl-substituted C_1-C_4-alkyl; ~~or~~ heteroaryl -substituted C_1-C_4-alkyl; CF_3; NO_2; OH; phenoxy; benzyloxy; (C_1-C_{10}-alkyl)COO; $S(O)_mR^{20}$; SH; phenylamino; benzylamino; (C_1-C_{10}-alkyl)-CONH-; (C_1-C_{10}-alkyl)-CON(C_1-C_4-alkyl)-; phenyl-CONH-; phenyl-CON(C_1-C_4-alkyl)-; heteroaryl-CONH-; heteroaryl-CON(C_1-C_4-alkyl)-; (C_1-C_{10}-alkyl)-CO; phenyl-CO; heteroaryl-CO; CF_3-CO; -OCH_2O-; -OCF_2O-; -OCH_2CH_2O-; -CH_2CH_2O-; $COOR^{21}$; $CONR^{22}R^{23}$; $CNH(NH_2)$; $SO_2NR^{24}R^{25}$; $R^{26}SO_2NH$-; $R^{27}SO_2N(C_1$-C_6-alkyl)-; and saturated and at least monounsaturated aliphatic, mononuclear 5- to 7-membered heterocycles containing 1 to 3 heteroatoms ~~selected~~ chosen from ~~the group consisting of~~ N, O, and S, which heterocycles can be substituted by one or more substituents ~~selected~~ chosen from ~~the group consisting of~~ halogens, C_1-C_3-alkyl, C_1-C_3-alkoxy, OH, oxo and CF_3, and wherein said heterocycles can optionally be condensed to ~~the~~ said group Ar or ~~the~~ said group Hetar; and wherein all aryl, heteroaryl, phenyl, aryl-containing, heteroaryl-containing and phenyl-containing groups, which are optionally present in ~~the~~ said substituents of ~~the~~ said group Ar or ~~the~~ said group Hetar, can be substituted by one or more substituents ~~selected~~ chosen from ~~the group consisting of~~ halogens, pseudohalogens, C_1-C_3-alkyl, OH, C_1-C_3-alkoxy, and CF_3;

R^6 is ~~selected~~ chosen from ~~the group consisting of~~:

H; C_1-C_{10}-alkyl, which can be substituted by one or more substituents ~~selected~~ chosen from ~~the group consisting of~~ F, C_1-C_8-alkoxy, and di(C_1-C_8-alkyl)amino;

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aryl-(C_1-C_4-alkyl) and heteroaryl-(C_1-C_4-alkyl), which can be substituted by one or more substituents ~~selected~~ chosen from ~~the group consisting of~~ halogens, C_1-C_4-alkoxy, and di(C_1-C_6-alkyl)amino;

R^7 is ~~selected~~ chosen from ~~the group consisting of~~:

H; C_1-C_{10}-alkyl which can be substituted by one or more substituents ~~selected~~ chosen from ~~the group consisting of~~ F, C_1-C_8-alkoxy, di(C_1-C_8-alkyl)amino and phenyl; phenyl; indanyl; and heteroaryl; and wherein each of the aforementioned aromatic groups can be unsubstituted or carry one or more substituents chosen from ~~the group consisting of~~ halogens, pseudohalogens, C_1-C_3-alkyl, C_1-C_3-alkoxy and CF_3;

R^8 is H or C_1-C_{10}-alkyl;

R^9 is ~~selected~~ chosen from ~~the group consisting of~~: C_1-C_{10}-alkyl which can be unsubstituted or carry one or more substituents chosen from ~~the group consisting of~~: F, (C_1-C_4)-alkoxy, di(C_1-C_3-alkyl)amino; and unsubstituted and at least monosubstituted phenyl and heteroaryl, the substituents of which are ~~selected~~ chosen from ~~the group consisting of~~ C_1-C_3-alkyl, C_1-C_3-alkoxy, halogens, pseudohalogens, and CF_3;

R^{10} independently has the same meaning as R^7;

R^{11} independently has the same meaning as R^8;

R^{12} independently has the same meaning as R^6;

R^{13} is ~~selected~~ chosen from ~~the group consisting of~~: H; C_1-C_6-alkyl; unsubstituted and substituted phenyl, benzyl, heteroaryl, (C_1-C_6-alkyl)-CO, phenyl-CO, and heteroaryl-CO, the substituents of which are ~~selected~~ chosen

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from ~~the group consisting of~~ halogens, pseudohalogens, C_1-C_3-alkyl, C_1-C_3-alkoxy, and CF_3, and wherein one or more of these substituents can be present;

R^{14} independently has the same meaning as R^{13};

R^{15} is ~~selected~~ chosen from ~~the group consisting of~~: H; C_1-C_{10}-alkyl; (C_1-C_3-alkoxy)-C_1-C_3-alkyl; and substituted and unsubstituted benzyl, phenyl and heteroaryl, the substituents of which are ~~selected~~ chosen from ~~the group consisting of~~ halogens, pseudohalogens, C_1-C_3-alkyl, C_1-C_3-alkoxy, and CF_3, and wherein one or more of these substituents can be present;

R^{16} is ~~selected~~ chosen from ~~the group consisting of~~: C_1-C_{10}-alkyl which can be substituted by one or more substituents ~~selected~~ chosen from ~~the group consisting of~~ F, OH, C_1-C_8-alkoxy, aryloxy, (C_1-C_8-alkyl)mercapto, (C_1-C_8-alkyl)amino and di(C_1-C_8-alkyl)amino; CF_3; and substituted and unsubstituted phenyl and heteroaryl, the substituents of which are ~~selected~~ chosen from ~~the group consisting of~~ halogens, pseudohalogens, C_1-C_3-alkyl, C_1-C_3-alkoxy and CF_3, and wherein one or more of these substitutents can be present;

R^{17} independently has the same meaning as R^7;

R^{18} independently has the same meaning as R^8;

R^{19} independently has the same meaning as R^{16};

R^{20} independently has the same meaning as R^{16};

R^{21} independently has the same meaning as R^6;

R^{22} independently has the same meaning as R^7;

R^{23} independently has the same meaning as R^8;

R^{24} independently has the same meaning as R^7;

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R^{25} independently has the same meaning as R^8;

R^{26} independently has the same meaning as R^{16};

R^{27} independently has the same meaning as R^{16};

heteroaryl is a 5 to 10-membered, aromatic, mono- or bicyclic heterocycle containing one or more heteroatoms ~~selected~~ chosen from ~~the group consisting of~~ N, O, and S;

the group Hetar is a 5 to 10-membered, aromatic, mono- or bicyclic heterocycle containing one or more heteroatoms ~~selected~~ chosen from ~~the group consisting of~~ N, O, and S;

aryl is phenyl, naphth-1-yl or naphth-2-yl;

the group Ar is phenyl, naphth-1-yl or naphth-2-yl; and

m is 0, 1 or 2.

7. (Currently amended) The method according to claim 6, wherein in the formula (I)

R^1 is ~~selected~~ chosen from ~~the group consisting of~~: H; C_1-C_4-alkyl; C_1-C_4-alkoxy; CF_3; halogens; pseudohalogens; (C_1-C_4-alkyl)-$S(O)_m$-; and unsubstituted and at least monosubstituted phenyl and heteroaryl, the substituents of which are ~~selected~~ chosen from ~~the group consisting of~~ halogens, pseudohalogens, C_1-C_3-alkyl, C_1-C_3-alkoxy and CF_3, and wherein heteroaryl is ~~selected~~ chosen from ~~the group consisting of~~ 5- and 6-membered heterocycles containing one or more heteroatoms chosen from ~~the group consisting of~~ N, O, and S;

R^2 and R^3 are independently from each other ~~selected~~ chosen from ~~the group consisting of~~: H; halogens; pseudohalogens; and C_1-C_3-alkyl;

R^4 independently has the same meaning as R^1;

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A is ~~selected~~ chosen from ~~the group consisting of~~ CH_2 and CHOH;

B and C are independently from each other ~~selected~~ chosen from ~~the group consisting of~~ CH_2 and $CH\text{-}CH_3$;

R^5 is a group Ar or a group Hetar both of which can be unsubstituted or carry one or more substituents ~~selected~~ chosen from ~~the group consisting of~~: halogens; CN; NH_2; unsubstituted and at least monosubstituted C_1-C_8-alkyl, C_2-C_8-alkenyl, C_2-C_8-alkynyl, C_1-C_8-alkoxy, (C_1-C_8-alkyl)amino, and di(C_1-C_8-alkyl)amino, the substituents of which are ~~selected~~ chosen from ~~the group consisting of~~ F, C_1-C_6-alkoxy, phenoxy, (C_1-C_6-alkyl)mercapto, NH_2, (C_1-C_6-alkyl)amino, and di(C_1-C_6-alkyl)amino; C_3-C_5-alkandiyl; phenyl; heteroaryl; phenyl-substituted C_1-C_2-alkyl; ~~or~~ heteroaryl-substituted C_1-C_2-alkyl; CF_3; OH; phenoxy; benzyloxy; (C_1-C_6-alkyl)COO; $S(O)_m$(C_1-C_6)-alkyl; $S(O)_m$-phenyl; $S(O)_m$-heteroaryl; SH; phenylamino; benzylamino; (C_1-C_6-alkyl)-CONH-; (C_1-C_6-alkyl)-CON(C_1-C_4-alkyl)-; phenyl-CONH-; phenyl-CON(C_1-C_4-alkyl)-; heteroaryl-CONH-; heteroaryl-CON(C_1-C_4-alkyl)-; (C_1-C_6-alkyl)-CO; phenyl-CO; heteroaryl-CO; CF_3-CO; -OCH_2O-; -OCF_2O-; -OCH_2CH_2O-; -CH_2CH_2O-; COO(C_1-C_6-alkyl); -$CONH_2$; -CONH(C_1-C_6-alkyl); -CON(di(C_1-C_6-alkyl)); CNH(NH_2); -SO_2NH_2; -SO_2NH(C_1-C_6-alkyl); -SO_2NH(phenyl); -SO_2N(di(C_1-C_6-alkyl)); (C_1-C_6-alkyl)SO_2NH-; (C_1-C_6-alkyl)SO_2N(C_1-C_6-alkyl)-; phenyl-SO_2NH-; phenyl-SO_2N(C_1-C_6-alkyl)-; heteroaryl-SO_2NH-; heteroaryl-SO_2N(C_1-C_6-alkyl)-; and saturated and at least monounsaturated aliphatic, mononuclear 5- to 7-membered heterocycles containing 1 to 3 heteroatoms ~~selected~~ chosen from ~~the group consisting of~~ N, O, and S, which heterocycles can be substituted by one or more substituents

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~~selected~~ chosen from ~~the group consisting of~~ halogens, C_1-C_3-alkyl, C_1-C_3-alkoxy, OH, oxo and CF_3, and wherein said heterocycles can optionally be condensed to ~~the~~ said group Ar or ~~the~~ said group Hetar; and wherein all heteroaryl, phenyl, heteroaryl-containing and phenyl-containing groups, which are optionally present in ~~the~~ said substituents of ~~the~~ said group Ar or ~~the~~ said group Hetar, can be substituted by one or more substituents ~~selected~~ chosen from ~~the group consisting of~~ halogens, pseudohalogens, C_1-C_3-alkyl, OH, C_1-C_3-alkoxy, and CF_3;

heteroaryl is a 5 to 10-membered, aromatic, mono- or bicyclic heterocycle containing one or more heteroatoms ~~selected~~ chosen from ~~the group consisting of~~ N, O, and S;

the group Hetar is a 5 to 10-membered, aromatic, mono- or bicyclic heterocycle containing one or more heteroatoms ~~selected~~ chosen from ~~the group consisting of~~ N, O, and S;

the group Ar is phenyl, naphth-1-yl or naphth-2-yl; and

m is 0 or 2.

8. (Currently amended) The method according to claim 6, wherein in the formula (I)

R^1 is H, halogen, or C_1-C_4-alkyl;

R^2 and R^3 are each H;

R^4 independently has the same meaning as R^1;

A is CH_2;

R^5 is phenyl or a group Hetar both of which can be unsubstituted or carry one or more substituents ~~selected~~ chosen from ~~the group consisting of~~: halogens; CN;

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NH_2; unsubstituted and at least monosubstituted C_1-C_6-alkyl, C_2-C_6-alkenyl, C_2-C_6-alkynyl, C_1-C_3-alkoxy, (C_1-C_4-alkyl)amino, and di(C_1-C_4-alkyl)amino, the substituents of which are ~~selected~~ chosen from ~~the group consisting of~~ F, C_1-C_3-alkoxy, (C_1-C_3-alkyl)mercapto, and NH_2; C_3-C_5-alkandiyl; phenyl; heteroaryl; phenyl-substituted C_1-C_2-alkyl; ~~or~~ heteroaryl- substituted C_1-C_2-alkyl; CF_3; OH; (C_1-C_4-alkyl)COO; $S(O)_m$(C_1-C_4)-alkyl; (C_1-C_4-alkyl)-CONH-; (C_1-C_4-alkyl)-CON(C_1-C_4-alkyl)-; (C_1-C_4-alkyl)-CO; phenyl-CO; heteroaryl-CO; CF_3-CO; -OCH_2O-; -OCF_2O-; -OCH_2CH_2O-; -CH_2CH_2O-; COO(C_1-C_6-alkyl); -$CONH_2$; -CONH(C_1-C_4-alkyl); -CON(di(C_1-C_4-alkyl)); CNH(NH_2); -SO_2NH_2; -SO_2NH(C_1-C_4-alkyl); -SO_2NH(phenyl); -SO_2N(di(C_1-C_4-alkyl)); (C_1-C_4-alkyl)SO_2NH-; (C_1-C_4-alkyl)SO_2N(C_1-C_4-alkyl)-; and saturated and at least monounsaturated aliphatic, mononuclear 5- to 7-membered heterocycles containing 1 to 3 heteroatoms ~~selected~~ chosen from ~~the group consisting of~~ N, O, and S, which heterocycles can be substituted by one or more substituents ~~selected~~ chosen from ~~the group consisting of~~ halogens, C_1-C_3-alkyl, C_1-C_3-alkoxy, OH, oxo and CF_3, and wherein said heterocycles can optionally be condensed to ~~the~~ said phenyl or ~~the~~ said group Hetar; and wherein all heteroaryl, phenyl, heteroaryl-containing and phenyl-containing groups, which are optionally present in ~~the~~ said substituents of ~~the~~ said phenyl or ~~the~~ said group Hetar, can be substituted by one or more substituents; ~~selected~~ chosen from ~~the group consisting of~~ halogens, pseudohalogens, C_1-C_3-alkyl, OH, C_1-C_3-alkoxy, and CF_3;

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heteroaryl is a 5 to 10-membered, aromatic, mono- or bicyclic heterocycle containing one, two or three heteroatoms ~~selected~~ chosen from ~~the group consisting of~~ N, O, and S;

the group Hetar is a 5 to 10-membered, aromatic, mono- or bicyclic heterocycle containing one, two or three heteroatoms ~~selected~~ chosen from ~~the group consisting of~~ N, O, and S; and

m is 0 or 2.

9. (Currently amended) The method according to claim 6, wherein in the formula (I)

R^1 is H, halogen, or C_1-C_4-alkyl;

R^2 and R^3 are each H;

R^4 independently has the same meaning as R^1;

A and B are each CH_2;

C is CH_2 or CH-CH_3;

R^5 is phenyl or a group Hetar both of which can be unsubstituted or carry one or more substituents ~~selected~~ chosen from ~~the group consisting of~~: F; Cl; Br; C_1-C_3-alkyl; C_1-C_3-alkoxymethyl; 2-amino-3,3,3-trifluoro-propyl-; CF_3; C_3-C_5-alkandiyl; phenyl; heteroaryl; benzyl; heteroaryl-methyl; OH; C_1-C_3-alkoxy; phenoxy; trifluoromethoxy; 2,2,2-trifluoroethoxy; (C_1-C_4-alkyl)COO; (C_1-C_3-alkyl)mercapto; phenylmercapto; (C_1-C_3-alkyl)sulfonyl; phenylsulfonyl; NH_2; (C_1-C_4-alkyl)amino; di(C_1-C_4-alkyl)amino; (C_1-C_3-alkyl)-CONH-; (C_1-C_3-alkyl)-SO_2NH-; (C_1-C_3-alkyl)-CO; phenyl-CO; -OCH_2O-; -OCF_2O-; -CH_2CH_2O-; COO(C_1-C_4-alkyl); -$CONH_2$; -CONH(C_1-C_4-alkyl); -CON(di(C_1-C_4-alkyl)); CN; -SO_2NH_2; -SO_2NH(C_1-C_4-alkyl); -SO_2N(di(C_1-C_4-alkyl)); pyrrolidinyl; piperidinyl; morpholinyl; and thiomorpholinyl;

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and wherein all heteroaryl, phenyl, heteroaryl-containing and phenyl-containing groups, which are optionally present in ~~the~~ said substituents of ~~the~~ said phenyl or ~~the~~ said group Hetar, can be substituted by one or more substituents ~~selected~~ chosen from ~~the group consisting of~~ halogens, pseudohalogens, C_1-C_3-alkyl, OH, C_1-C_3-alkoxy, and CF_3;

heteroaryl is ~~selected~~ chosen from ~~the group consisting of~~: furyl, pyrrolyl, thienyl, thiazolyl, isothiazolyl, oxazolyl, isoxazolyl, pyrazolyl, imidazolyl, pyridazinyl, pyrazinyl, pyridyl, pyrimidinyl, benzoimidazolyl, benzothiazolyl, benzoxazolyl, quinolinyl, isoquinolinyl, quinoxalinyl, quinazolyl, indolyl, benzofuranyl, benzothiophenyl, and indazolyl;

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the group Hetar is ~~selected~~ chosen from ~~the group consisting of~~: furyl, pyrrolyl, thienyl, thiazolyl, isothiazolyl, oxazolyl, isoxazolyl, pyrazolyl, imidazolyl, pyridazinyl, pyrazinyl, pyridyl, pyrimidinyl, benzoimidazolyl, benzothiazolyl, benzoxazolyl, quinolinyl, isoquinolinyl, quinoxalinyl, quinazolyl, indolyl, benzofuranyl, benzothiophenyl, and indazolyl.

10. (Currently amended) The method according to claim 6, wherein in the formula (I)

R^1 is H, halogen or C_1-C_4-alkyl;

R^2 and R^3 are each H;

R^4 independently has the same meaning as R^1;

A and B are each CH_2;

C is CH_2 or CH-CH_3;

R^5 is ~~selected~~ chosen from ~~the group consisting of~~: 4-fluorophenyl, 4-chlorophenyl, 4-bromophenyl, 4-(C_1-C_3-alkoxy)-phenyl, 4-trifluoromethoxyphenyl,

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2-bromo-4-fluorophenyl, 2-chloro-4-fluorophenyl, 3,4-dimethylphenyl, 2,4-dimethylphenyl, 4-chloro-2-methylphenyl, 2-hydroxy-4-methylphenyl, 2-hydroxy-4-ethoxyphenyl, 2-methoxy-4-methylphenyl, 4-phenoxyphenyl, 3-fluoro-4-methylphenyl, benzo[1,3]dioxol-5-yl, 2,2-difluoro-benzo[1,3]dioxol-5-yl, 2,3-dihydrobenzofuran-5-yl, 1-(4-chloro-phenyl)-5-trifluoromethyl-1H-pyrazole-4-yl, 1-(4-fluoro-phenyl)-3,5-dimethyl-1H-pyrazole-4-yl, 1H-benzotriazole-5-yl, 1H-indole-4-yl, 1H-indole-6-yl, 1-isopropyl-2-trifluoromethyl- ~~1~~1H-benzoimidazole-5-yl, 1-methyl-3-oxo-1,2,3,4-tetrahydro-quinoxaline-6-yl, 1-phenyl-5-trifluoromethyl-1H-pyrazole-4-yl, 2-(2-hydroxy-pyridin-4-yl)-1H-benzoimidazole-5-yl, 2-(4-cyano-phenyl)- ~~1~~1H-benzoimidazole-5-yl, 2,4-dimethyl-oxazole-5-yl, 2,4-dimethyl-pyrimidine-5-yl, 2,4-dimethyl-thiazole-5-yl, 2,5-dimethyl-1H-pyrrole-3-yl, 2,5-dimethyl-1-phenyl-1H-pyrrole-3-yl, 2,5-dimethyl-1-pyridin-4-ylmethyl-1H-pyrrolyl, 2,5-dimethyl-2H-pyrazole-3-yl, 2,6-dichloro-pyrid-3-yl, 2,6-dimethoxy-pyrid-3-yl, 2,6-dimethyl-pyrid-3-yl, 2-amino-4,6-dimethyl-pyrid-3-yl, 2-amino-6-chloro-pyrid-3-yl, 2-amino-pyrid-3-yl, 2-chloro-6-methyl-pyrid-3-yl, 2-chloro-pyrid-4-yl, 2-cyclopropyl-4-methyl-thiazole-5-yl, 2-dimethylamino-4-methyl-thiazole-5-yl, 2-dimethylamino-pyrid-4-yl, 2-ethyl-5-methyl-2H-pyrazole-3-yl, 2-hydroxy-6-methyl-pyrid-3-yl, 2-methyl-1H-benzoimidazole-5-yl, 2-methyl-3H-benzoimidazole-5-yl, 2-methyl-pyrid-3-yl, 2-methyl-6-trifluoromethyl-pyrid-3-yl, 2-methyl-thiazole-5-yl, 2-morpholin-4-yl-pyridin-4-yl, 2-morpholin-4-yl-pyrimidine-5-yl, 2-pyrrolidin-1-yl-pyridin-4-yl, 3,5-dimethyl-1H-pyrazole-4-yl, 3 -amino- 5,6-dimethyl-pyrazine-2-yl, 3-amino-5-methyl-pyrazine-2-yl, 3-amino-pyrazine-2-yl, 3-dimethylamino-4-methyl-phenyl, 3-dimethylamino-phenyl, 3H-benzoimidazole-5-yl, 1H-

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benzoimidazole-5-yl, 3-methanesulfonylamino-2-methyl-phenyl, 3-methanesulfonylamino-phenyl, 3-methyl-isoxazole-4-yl, 3-morpholin-4-yl-phenyl, 3-piperidin-1-yl-phenyl, 3-pyrrolidin-1-yl-phenyl, 4-(2,2,2-trifluoro-ethoxy)-phenyl, 4,6-dimethyl-pyrid-3-yl, 4-amino-2-ethyl sulfanyl-pyrimidine-5-yl, 4-amino-2-methyl-pyrimidine-5-yl, 4-chloro-3-methanesulfonylamino-phenyl, 4-chloro-3-sulfamoyl-phenyl, 4-methyl-3-methylamino-phenyl, 4-methyl-thiazole-5-yl, pyridine-2-yl, pyridine-3-yl, pyridine-4-yl, 5-thiophen-2-yl-pyrid-3-yl, 2-methyl-4-trifluoromethyl-thiazol-5-yl, 5,6,7,8-tetrahydro-quinoline-3-yl, 5-amino-1-phenyl-1H-pyrazole-4-yl, 5-methanesulfonyl-2-methyl-phenyl, 5-methyl-1-phenyl-1H-pyrazole-4-yl, 5-methyl-isoxazole-3-yl, 5-methyl-pyrid-3-yl, 5-methyl-pyrazine-2-yl, 6-chloro-pyrid-3-yl, 6-cyano-pyrid-3-yl, 6-dimethylamino-pyrid-3-yl, 6-ethynyl-pyrid-3-yl, 6-methoxymethyl-pyrid-3-yl, 6-methoxy-pyrid-3-yl, 6-methyl-2-methylamino-pyrid-3-yl, 6-methylamino-pyrazine-2-yl, 6-methyl-pyrid-3-yl, 6-morpholin-4-yl-pyrid-3-yl, 6-pyrrolidin-1-yl-pyrid-3-yl, imidazo[1,2-a]pyridine-2-yl, 6-trifluoromethyl-pyrid-3-yl, and pyrimidine-4-yl.

11. (Original) The method according to claim 6, wherein the mammal is a human.

12. (Currently amended) ~~The~~ A method of treating ~~in~~ a mammal suffering from a disease chosen from ~~the group consisting of cardiovascular diseases,~~ stable ~~or~~ and unstable angina pectoris, coronary heart disease, Prinzmetal angina, acute coronary syndrome, heart failure, myocardial infarction, stroke, thrombosis, peripheral artery occlusive disease, endothelial dysfunction, atherosclerosis, restenosis, endothelial damage after PTCA, hypertension, ~~essential hypertension, pulmonary hypertension, secondary hypertension, renovascular~~

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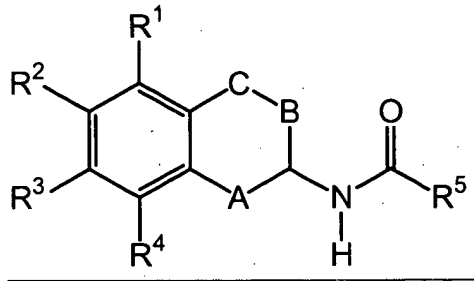
~~hypertension,~~ chronic glomerulonephritis, erectile dysfunction, ventricular arrhythmia, diabetes, diabetes complications, ~~nephropathy, retinopathy,~~ angiogenesis, asthma bronchiale, chronic renal failure, cirrhosis of the liver, osteoporosis, diseases with symptoms of restricted memory performance and/or a restricted ability to learn, ~~or the lowering of cardiovascular risk of postmenopausal women or after intake of contraceptives,~~ which method comprises administering to said mammal a physiologically active amount of a compound according to the general formula (I) ~~as defined in claim 6~~, in any of its stereoisomeric forms or a mixture thereof in any ratio or a pharmaceutically acceptable salt thereof



(I)

wherein, in the formula (I),

R^1 and R^4 are independently from each other chosen from :

H; unsubstituted and at least monosubstituted C_1-C_{10}-alkyl, C_2-C_{10}-alkenyl and C_2-C_{10}-alkynyl, the substituents of which are chosen from F, OH, C_1-C_8-alkoxy, (C_1-C_8-alkyl)mercapto, CN, $COOR^6$, $CONR^7R^8$, and unsubstituted and at least monosubstituted phenyl and heteroaryl, the substituents of which are chosen from halogens, pseudohalogens, C_1-C_3-alkyl, C_1-C_3-alkoxy and CF_3;

unsubstituted and at least monosubstituted phenyl and heteroaryl, the

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substituents of which are chosen from halogens, pseudohalogens, C_1-C_3-alkyl, C_1-C_3-alkoxy and CF_3; R^9CO; $CONR^{10}R^{11}$; $COOR^{12}$; CF_3; halogens; pseudohalogens; $NR^{13}R^{14}$; OR^{15}; $S(O)_mR_{16}$; $SO_2NR^{17}R^{18}$; and NO_2;

R^2 and R^3 are independently from each other chosen from:

H; halogens; pseudohalogens; unsubstituted and at least monosubstituted C_1-C_{10}-alkyl the substituents of which are chosen from OH, phenyl, and heteroaryl; OH; C_1-C_{10}-alkoxy; phenoxy; $S(O)_mR^{19}$; CF_3; CN; NO_2; (C_1-C_{10}-alkyl)amino; di(C_1-C_{10}-alkyl)amino; (C_1-C_6-alkyl)-CONH-; unsubstituted and at least monosubstituted phenyl-CONH- and phenyl-SO_2-O-, the substituents of which are chosen from halogens, pseudohalogens, CH_3 and methoxy; (C_1-C_6-alkyl)SO_2-O-; unsubstituted and at least monosubstituted (C_1-C_6-alkyl)CO, the substituents of which are chosen from F, di(C_1-C_3-alkyl)amino, pyrrolidinyl and piperidinyl; and phenyl-CO, the phenyl part of which can be substituted by one or more substituents chosen from C_1-C_3-alkyl, halogens and methoxy;

A is chosen from CH_2, CHOH and CH-(C_1-C_3-alkyl);

B is chosen from CH_2 and CH-(C_1-C_3-alkyl);

C independently has the same meaning as B;

R^5 is a group Ar or a group Hetar both of which can be unsubstituted or carry one or more substituents chosen from: halogens; pseudohalogens; NH_2; unsubstituted and at least monosubstituted C_1-C_{10}-alkyl, C_2-C_{10}-alkenyl, C_2-C_{10}-alkynyl, C_1-C_{10}-alkoxy, (C_1-C_{10}-alkyl)amino, and di(C_1-C_{10}-alkyl)amino, the substituents of which are chosen from F, OH, C_1-C_8-alkoxy, aryloxy, (C_1-C_8-alkyl)mercapto, NH_2, (C_1-C_8-alkyl)amino, and di(C_1-C_8-alkyl)amino; C_3-C_5-

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alkandiyl; phenyl; heteroaryl; aryl-substituted C_1-C_4-alkyl; heteroaryl -substituted C_1-C_4-alkyl; CF_3; NO_2; OH; phenoxy; benzyloxy; (C_1-C_{10}-alkyl)COO; $S(O)_mR^{20}$; SH; phenylamino; benzylamino; (C_1-C_{10}-alkyl)-CONH-; (C_1-C_{10}-alkyl)-CON(C_1-C_4-alkyl)-; phenyl-CONH-; phenyl-CON(C_1-C_4-alkyl)-; heteroaryl-CONH-; heteroaryl-CON(C_1-C_4-alkyl)-; (C_1-C_{10}-alkyl)-CO; phenyl-CO; heteroaryl-CO; CF_3-CO; -OCH_2O-; -OCF_2O-; -OCH_2CH_2O-; -CH_2CH_2O-; $COOR^{21}$; $CONR^{22}R^{23}$; $CNH(NH_2)$; $SO_2NR^{24}R^{25}$; $R^{26}SO_2NH$-; $R^{27}SO_2N(C_1$-C_6-alkyl)-; and saturated and at least monounsaturated aliphatic, mononuclear 5- to 7-membered heterocycles containing 1 to 3 heteroatoms chosen from N, O, and S, which heterocycles can be substituted by one or more substituents chosen from halogens, C_1-C_3-alkyl, C_1-C_3-alkoxy, OH, oxo and CF_3, and wherein said heterocycles can optionally be condensed to said group Ar or said group Hetar; and wherein all aryl, heteroaryl, phenyl, aryl-containing, heteroaryl-containing and phenyl-containing groups, which are optionally present in said substituents of said group Ar or said group Hetar, can be substituted by one or more substituents chosen from halogens, pseudohalogens, C_1-C_3-alkyl, OH, C_1-C_3-alkoxy, and CF_3;

R^6 is chosen from:

H; C_1-C_{10}-alkyl, which can be substituted by one or more substituents chosen from F, C_1-C_8-alkoxy, and di(C_1-C_8-alkyl)amino; aryl-(C_1-C_4-alkyl) and heteroaryl-(C_1-C_4-alkyl), which can be substituted by one or more substituents chosen from halogens, C_1-C_4-alkoxy, and di(C_1-C_6-alkyl)amino;

R^7 is chosen from:

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H; C_1-C_{10}-alkyl which can be substituted by one or more substituents chosen from F, C_1-C_8-alkoxy, di(C_1-C_8-alkyl)amino and phenyl; phenyl; indanyl; and heteroaryl; and wherein each of the aforementioned aromatic groups can be unsubstituted or carry one or more substituents chosen from halogens, pseudohalogens, C_1-C_3-alkyl, C_1-C_3-alkoxy and CF_3;

R^8 is H or C_1-C_{10}-alkyl;

R^9 is chosen from: C_1-C_{10}-alkyl which can be unsubstituted or carry one or more substituents chosen from: F, (C_1-C_4)-alkoxy, di(C_1-C_3-alkyl)amino; and unsubstituted and at least monosubstituted phenyl and heteroaryl, the substituents of which are chosen from C_1-C_3-alkyl, C_1-C_3-alkoxy, halogens, pseudohalogens, and CF_3;

R^{10} independently has the same meaning as R^7;

R^{11} independently has the same meaning as R^8;

R^{12} independently has the same meaning as R^6;

R^{13} is chosen from: H; C_1-C_6-alkyl; unsubstituted and substituted phenyl, benzyl, heteroaryl, (C_1-C_6-alkyl)-CO, phenyl-CO, and heteroaryl-CO, the substituents of which are chosen from halogens, pseudohalogens, C_1-C_3-alkyl, C_1-C_3-alkoxy, and CF_3, and wherein one or more of these substituents can be present;

R^{14} independently has the same meaning as R^{13};

R^{15} is chosen from: H; C_1-C_{10}-alkyl; (C_1-C_3-alkoxy)-C_1-C_3-alkyl; and substituted and unsubstituted benzyl, phenyl and heteroaryl, the substituents of which are chosen from halogens, pseudohalogens, C_1-C_3-alkyl, C_1-C_3-alkoxy, and CF_3, and wherein one or more of these substituents can be present;

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R^{16} is chosen from: C_1-C_{10}-alkyl which can be substituted by one or more substituents chosen from F, OH, C_1-C_8-alkoxy, aryloxy, (C_1-C_8-alkyl)mercapto, (C_1-C_8-alkyl)amino and di(C_1-C_8-alkyl)amino; CF_3; and substituted and unsubstituted phenyl and heteroaryl, the substituents of which are chosen from halogens, pseudohalogens, C_1-C_3-alkyl, C_1-C_3-alkoxy and CF_3, and wherein one or more of these substitutents can be present;

R^{17} independently has the same meaning as R^7;

R^{18} independently has the same meaning as R^8;

R^{19} independently has the same meaning as R^{16};

R^{20} independently has the same meaning as R^{16};

R^{21} independently has the same meaning as R^6;

R^{22} independently has the same meaning as R^7;

R^{23} independently has the same meaning as R^8;

R^{24} independently has the same meaning as R^7;

R^{25} independently has the same meaning as R^8;

R^{26} independently has the same meaning as R^{16};

R^{27} independently has the same meaning as R^{16};

heteroaryl is a 5 to 10-membered, aromatic, mono- or bicyclic heterocycle containing one or more heteroatoms chosen from N, O, and S;

the group Hetar is a 5 to 10-membered, aromatic, mono- or bicyclic heterocycle containing one or more heteroatoms chosen from N, O, and S;

aryl is phenyl, naphth-1-yl or naphth-2-yl;

the group Ar is phenyl, naphth-1-yl or naphth-2-yl; and

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m is 0, 1 or 2;

wherein the physiologically active amount of the compound according to the general formula (I) in any of its stereoisomeric forms or a mixture thereof in any ratio or a pharmaceutically acceptable salt thereof stimulates the expression of endothelial NO-synthase in the mammal.

13. (Currently amended) The method ~~of treating in a mammal a disease from the group consisting of cardiovascular diseases, stable or unstable angina pectoris, coronary heart disease, Prinzmetal angina, acute coronary syndrome, heart failure, myocardial infarction, stroke, thrombosis, peripheral artery occlusive disease, endothelial dysfunction, atherosclerosis, restenosis, endothelial damage after PTCA, hypertension, essential hypertension, pulmonary hypertension, secondary hypertension, renovascular hypertension, chronic glomerulonephritis, erectile dysfunction, ventricular arrhythmia, diabetes, diabetes complications, nephropathy, retinopathy, angiogenesis, asthma bronchiale, chronic renal failure, cirrhosis of the liver, osteoporosis, restricted memory performance or a restricted ability to learn, or the lowering of cardiovascular risk of postmenopausal women or after intake of contraceptives, which method comprises administering to said mammal a physiologically active amount of a compound according to the general formula (I) as defined in claim 7, in any of its stereoisomeric forms or a mixture thereof in any ratio or a pharmaceutically acceptable salt thereof.~~ according to claim 12, wherein the compound according to the general formula (I) is chosen from compounds of the general formula (I), wherein

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R^1 is chosen from: H; C_1-C_4-alkyl; C_1-C_4-alkoxy; CF_3; halogens; pseudohalogens; (C_1-C_4-alkyl)-$S(O)_m$-; and unsubstituted and at least monosubstituted phenyl and heteroaryl, the substituents of which are chosen from halogens, pseudohalogens, C_1-C_3-alkyl, C_1-C_3-alkoxy and CF_3, and wherein heteroaryl is chosen from 5- and 6-membered heterocycles containing one or more heteroatoms chosen from N, O, and S;

R^2 and R^3 are independently from each other chosen from: H; halogens; pseudohalogens; and C_1-C_3-alkyl;

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R^4 independently has the same meaning as R^1;

A is chosen from CH_2 and CHOH;

B and C are independently from each other chosen from CH_2 and CH-CH_3;

R^5 is a group Ar or a group Hetar both of which can be unsubstituted or carry one or more substituents chosen from: halogens; CN; NH_2; unsubstituted and at least monosubstituted C_1-C_8-alkyl, C_2-C_8-alkenyl, C_2-C_8-alkynyl, C_1-C_8-alkoxy, (C_1-C_8-alkyl)amino, and di(C_1-C_8-alkyl)amino, the substituents of which are chosen from F, C_1-C_6-alkoxy, phenoxy, (C_1-C_6-alkyl)mercapto, NH_2, (C_1-C_6-alkyl)amino, and di(C_1-C_6-alkyl)amino; C_3-C_5-alkandiyl; phenyl; heteroaryl; phenyl-substituted C_1-C_2-alkyl; heteroaryl-substituted C_1-C_2-alkyl; CF_3; OH; phenoxy; benzyloxy; (C_1-C_6-alkyl)COO; $S(O)_m$(C_1-C_6)-alkyl; $S(O)_m$-phenyl; $S(O)_m$-heteroaryl; SH; phenylamino; benzylamino; (C_1-C_6-alkyl)-CONH-; (C_1-C_6-alkyl)-CON(C_1-C_4-alkyl)-; phenyl-CONH-; phenyl-CON(C_1-C_4-alkyl)-; heteroaryl-CONH-; heteroaryl-CON(C_1-C_4-alkyl)-; (C_1-C_6-alkyl)-CO; phenyl-CO; heteroaryl-CO; CF_3-CO; -OCH_2O-; -OCF_2O-; -OCH_2CH_2O-; -CH_2CH_2O-; COO(C_1-C_6-alkyl); -$CONH_2$;

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-CONH(C_1-C_6-alkyl); -CON(di(C_1-C_6-alkyl)); CNH(NH_2); -SO_2NH_2; -SO_2NH(C_1-C_6-alkyl); -SO_2NH(phenyl); -SO_2N(di(C_1-C_6-alkyl)); (C_1-C_6-alkyl)SO_2NH-; (C_1-C_6-alkyl)SO_2N(C_1-C_6-alkyl)-; phenyl-SO_2NH-; phenyl-SO_2N(C_1-C_6-alkyl)-; heteroaryl-SO_2NH-; heteroaryl-SO_2N(C_1-C_6-alkyl)-; and saturated and at least monounsaturated aliphatic, mononuclear 5- to 7-membered heterocycles containing 1 to 3 heteroatoms chosen from N, O, and S, which heterocycles can be substituted by one or more substituents chosen from halogens, C_1-C_3-alkyl, C_1-C_3-alkoxy, OH, oxo and CF_3, and wherein said heterocycles can optionally be condensed to said group Ar or said group Hetar; and wherein all heteroaryl, phenyl, heteroaryl-containing and phenyl-containing groups, which are optionally present in said substituents of said group Ar or said group Hetar, can be substituted by one or more substituents chosen from halogens, pseudohalogens, C_1-C_3-alkyl, OH, C_1-C_3-alkoxy, and CF_3;

heteroaryl is a 5 to 10-membered, aromatic, mono- or bicyclic heterocycle containing one or more heteroatoms chosen from N, O, and S;

the group Hetar is a 5 to 10-membered, aromatic, mono- or bicyclic heterocycle containing one or more heteroatoms chosen from N, O, and S;

the group Ar is phenyl, naphth-1-yl or naphth-2-yl; and

m is 0 or 2.

14. (Currently amended) The method ~~of treating in a mammal a disease from the group consisting of cardiovascular diseases, stable or unstable angina pectoris, coronary heart disease, Prinzmetal angina, acute coronary syndrome, heart failure, myocardial infarction, stroke, thrombosis, peripheral artery occlusive~~

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~~disease, endothelial dysfunction, atherosclerosis, restenosis, endothelial damage after PTCA, hypertension, essential hypertension, pulmonary hypertension, secondary hypertension, renovascular hypertension, chronic glomerulonephritis, erectile dysfunction, ventricular arrhythmia, diabetes, diabetes complications, nephropathy, retinopathy, angiogenesis, asthma bronchiale, chronic renal failure, cirrhosis of the liver, osteoporosis, restricted memory performance or a restricted ability to learn, or the lowering of cardiovascular risk of postmenopausal women or after intake of contraceptives, which method comprises administering to said mammal a physiologically active amount of a compound according to the general formula (I) as defined in claim 8, in any of its stereoisomeric forms or a mixture thereof in any ratio or a pharmaceutically acceptable salt thereof.~~ according to claim 12, wherein the compound according to the general formula (I) is chosen from the compounds of the general formula (I), wherein

R^1 is H, halogen, or C_1-C_4-alkyl;

R^2 and R^3 are each H;

R^4 independently has the same meaning as R^1;

A is CH_2;

R^5 is phenyl or a group Hetar both of which can be unsubstituted or carry one or more substituents chosen from: halogens; CN; NH_2; unsubstituted and at least monosubstituted C_1-C_6-alkyl, C_2-C_6-alkenyl, C_2-C_6-alkynyl, C_1-C_3-alkoxy, (C_1-C_4-alkyl)amino, and di(C_1-C_4-alkyl)amino, the substituents of which are chosen from F, C_1-C_3-alkoxy, (C_1-C_3-alkyl)mercapto, and NH_2; C_3-C_5-alkandiyl; phenyl; heteroaryl; phenyl-substituted C_1-C_2-alkyl; heteroaryl- substituted C_1-C_2-alkyl;

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CF_3; OH; $(C_1$-C_4-alkyl)COO; $S(O)_m(C_1$-$C_4)$-alkyl; $(C_1$-C_4-alkyl)-CONH-; $(C_1$-C_4-alkyl)-CON$(C_1$-C_4-alkyl)-; $(C_1$-C_4-alkyl)-CO; phenyl-CO; heteroaryl-CO; CF_3-CO; -OCH_2O-; -OCF_2O-; -OCH_2CH_2O-; -CH_2CH_2O-; COO$(C_1$-C_6-alkyl); -$CONH_2$; -CONH$(C_1$-C_4-alkyl); -CON(di$(C_1$-C_4-alkyl)); CNH(NH_2); -SO_2NH_2; -SO_2NH$(C_1$-C_4-alkyl); -SO_2NH(phenyl); -SO_2N(di$(C_1$-C_4-alkyl)); $(C_1$-C_4-alkyl)SO_2NH-; $(C_1$-C_4-alkyl)SO_2N$(C_1$-C_4-alkyl)-; and saturated and at least monounsaturated aliphatic, mononuclear 5- to 7-membered heterocycles containing 1 to 3 heteroatoms chosen from N, O, and S, which heterocycles can be substituted by one or more substituents chosen from halogens, C_1-C_3-alkyl, C_1-C_3-alkoxy, OH, oxo and CF_3, and wherein said heterocycles can optionally be condensed to said phenyl or said group Hetar; and wherein all heteroaryl, phenyl, heteroaryl-containing and phenyl-containing groups, which are optionally present in said substituents of said phenyl or said group Hetar, can be substituted by one or more substituents chosen from halogens, pseudohalogens, C_1-C_3-alkyl, OH, C_1-C_3-alkoxy, and CF_3; heteroaryl is a 5 to 10-membered, aromatic, mono- or bicyclic heterocycle containing one, two or three heteroatoms chosen from N, O, and S;
the group Hetar is a 5 to 10-membered, aromatic, mono- or bicyclic heterocycle containing one, two or three heteroatoms chosen from N, O, and S; and
m is 0 or 2.

15. (Currently amended) The method ~~of treating in a mammal a disease from the group consisting of cardiovascular diseases, stable or unstable angina pectoris, coronary heart disease, Prinzmetal angina, acute coronary syndrome, heart failure, myocardial infarction, stroke, thrombosis, peripheral artery occlusive~~

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~~disease, endothelial dysfunction, atherosclerosis, restenosis, endothelial damage after PTCA, hypertension, essential hypertension, pulmonary hypertension, secondary hypertension, renovascular hypertension, chronic glomerulonephritis, erectile dysfunction, ventricular arrhythmia, diabetes, diabetes complications, nephropathy, retinopathy, angiogenesis, asthma bronchiale, chronic renal failure, cirrhosis of the liver, osteoporosis, restricted memory performance or a restricted ability to learn, or the lowering of cardiovascular risk of postmenopausal women or after intake of contraceptives, which method comprises administering to said mammal a physiologically active amount of a compound according to the general formula (I) as defined in claim 9, in any of its stereoisomeric forms or a mixture thereof in any ratio or a pharmaceutically acceptable salt thereof.~~ according to claim 12, wherein the compound according to the general formula (I) is chosen from the compounds of the general formula (I) wherein

R^1 is H, halogen, or C_1-C_4-alkyl;

R^2 and R^3 are each H;

R^4 independently has the same meaning as R^1;

A and B are each CH_2;

C is CH_2 or CH-CH_3;

R^5 is phenyl or a group Hetar both of which can be unsubstituted or carry one or more substituents chosen from: F; Cl; Br; C_1-C_3-alkyl; C_1-C_3-alkoxymethyl; 2-amino-3,3,3-trifluoro-propyl-; CF_3; C_3-C_5-alkandiyl; phenyl; heteroaryl; benzyl; heteroaryl-methyl; OH; C_1-C_3-alkoxy; phenoxy; trifluoromethoxy; 2,2,2-trifluoroethoxy; (C_1-C_4-alkyl)COO; (C_1-C_3-alkyl)mercapto; phenylmercapto; (C_1-

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C_3-alkyl)sulfonyl; phenylsulfonyl; NH_2; (C_1-C_4-alkyl)amino; di(C_1-C_4-alkyl)amino; (C_1-C_3-alkyl)-CONH-; (C_1-C_3-alkyl)-SO_2NH-; (C_1-C_3-alkyl)-CO; phenyl-CO; -OCH_2O-; -OCF_2O-; -CH_2CH_2O-; $COO(C_1$-C_4-alkyl); -$CONH_2$; -$CONH(C_1$-C_4-alkyl); -$CON(di(C_1$-C_4-alkyl)); CN; -SO_2NH_2; -$SO_2NH(C_1$-C_4-alkyl); -$SO_2N(di(C_1$-C_4-alkyl)); pyrrolidinyl; piperidinyl; morpholinyl; and thiomorpholinyl; and wherein all heteroaryl, phenyl, heteroaryl-containing and phenyl-containing groups, which are optionally present in said substituents of said phenyl or said group Hetar, can be substituted by one or more substituents chosen from halogens, pseudohalogens, C_1-C_3-alkyl, OH, C_1-C_3-alkoxy, and CF_3;

heteroaryl is chosen from: furyl, pyrrolyl, thienyl, thiazolyl, isothiazolyl, oxazolyl, isoxazolyl, pyrazolyl, imidazolyl, pyridazinyl, pyrazinyl, pyridyl, pyrimidinyl, benzoimidazolyl, benzothiazolyl, benzoxazolyl, quinolinyl, isoquinolinyl, quinoxalinyl, quinazolyl, indolyl, benzofuranyl, benzothiophenyl, and indazolyl;

the group Hetar is chosen from: furyl, pyrrolyl, thienyl, thiazolyl, isothiazolyl, oxazolyl, isoxazolyl, pyrazolyl, imidazolyl, pyridazinyl, pyrazinyl, pyridyl, pyrimidinyl, benzoimidazolyl, benzothiazolyl, benzoxazolyl, quinolinyl, isoquinolinyl, quinoxalinyl, quinazolyl, indolyl, benzofuranyl, benzothiophenyl, and indazolyl.

16. (Currently amended) The method ~~of treating in a mammal a disease from the group consisting of cardiovascular diseases, stable or unstable angina pectoris, coronary heart disease, Prinzmetal angina, acute coronary syndrome, heart failure, myocardial infarction, stroke, thrombosis, peripheral artery occlusive disease, endothelial dysfunction, atherosclerosis, restenosis, endothelial damage~~

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~~after PTCA, hypertension, essential hypertension, pulmonary hypertension, secondary hypertension, renovascular hypertension, chronic glomerulonephritis, erectile dysfunction, ventricular arrhythmia, diabetes, diabetes complications, nephropathy, retinopathy, angiogenesis, asthma bronchiale, chronic renal failure, cirrhosis of the liver, osteoporosis, restricted memory performance or a restricted ability to learn, or the lowering of cardiovascular risk of postmenopausal women or after intake of contraceptives, which method comprises administering to said mammal a physiologically active amount of a compound according to the general formula (I) as defined in claim 10, in any of its stereoisomeric forms or a mixture thereof in any ratio or a pharmaceutically acceptable salt thereof.~~ according to claim 12, wherein the compound according to the general formula (I) is chosen from the compounds of the general formula (I) wherein

R^1 is H, halogen or C_1-C_4-alkyl;

R^2 and R^3 are each H;

R^4 independently has the same meaning as R^1;

A and B are each CH_2;

C is CH_2 or CH-CH_3;

R^5 is chosen from: 4-fluorophenyl, 4-chlorophenyl, 4-bromophenyl, 4-(C_1-C_3-alkoxy)-phenyl, 4-trifluoromethoxyphenyl, 2-bromo-4-fluorophenyl, 2-chloro-4-fluorophenyl, 3,4-dimethylphenyl, 2,4-dimethylphenyl, 4-chloro-2-methylphenyl, 2-hydroxy-4-methylphenyl, 2-hydroxy-4-ethoxyphenyl, 2-methoxy-4-methylphenyl, 4-phenoxyphenyl, 3-fluoro-4-methylphenyl, benzo[1,3]dioxol-5-yl, 2,2-difluoro-benzo[1,3]dioxol-5-yl, 2,3-dihydrobenzofuran-5-yl, 1-(4-chloro-

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phenyl)-5-trifluoromethyl-1H-pyrazole-4-yl, 1-(4-fluoro-phenyl)-3,5-dimethyl-1H-pyrazole-4-yl, 1H-benzotriazole-5-yl, 1H-indole-4-yl, 1H-indole-6-yl, 1-isopropyl-2-trifluoromethyl-1H-benzoimidazole-5-yl, 1-methyl-3-oxo-1,2,3,4-tetrahydro-quinoxaline-6-yl, 1-phenyl-5-trifluoromethyl-1H-pyrazole-4-yl, 2-(2-hydroxy-pyridin-4-yl)-1H-benzoimidazole-5-yl, 2-(4-cyano-phenyl)- 1H-benzoimidazole-5-yl, 2,4-dimethyl-oxazole-5-yl, 2,4-dimethyl-pyrimidine-5-yl, 2,4-dimethyl-thiazole-5-yl, 2,5-dimethyl-1H-pyrrole-3-yl, 2,5-dimethyl-1-phenyl-1H-pyrrole-3-yl, 2,5-dimethyl-1-pyridin-4-ylmethyl-1H-pyrrolyl, 2,5-dimethyl-2H-pyrazole-3-yl, 2,6-dichloro-pyrid-3-yl, 2,6-dimethoxy-pyrid-3-yl, 2,6-dimethyl-pyrid-3-yl, 2-amino-4,6-dimethyl-pyrid-3-yl, 2-amino-6-chloro-pyrid-3-yl, 2-amino-pyrid-3-yl, 2-chloro-6-methyl-pyrid-3-yl, 2-chloro-pyrid-4-yl, 2-cyclopropyl-4-methyl-thiazole-5-yl, 2-dimethylamino-4-methyl-thiazole-5-yl, 2-dimethylamino-pyrid-4-yl, 2-ethyl-5-methyl-2H-pyrazole-3-yl, 2-hydroxy-6-methyl-pyrid-3-yl, 2-methyl-1H-benzoimidazole-5-yl, 2-methyl-3H-benzoimidazole-5-yl, 2-methyl-pyrid-3-yl, 2-methyl-6-trifluoromethyl-pyrid-3-yl, 2-methyl-thiazole-5-yl, 2-morpholin-4-yl-pyridin-4-yl, 2-morpholin-4-yl-pyrimidine-5-yl, 2-pyrrolidin-1-yl-pyridin-4-yl, 3,5-dimethyl-1H-pyrazole-4-yl, 3 -amino- 5,6-dimethyl-pyrazine-2-yl, 3-amino-5-methyl-pyrazine-2-yl, 3-amino-pyrazine-2-yl, 3-dimethylamino-4-methyl-phenyl, 3-dimethylamino-phenyl, 3H-benzoimidazole-5-yl, 1H-benzoimidazole-5-yl, 3-methanesulfonylamino-2-methyl-phenyl, 3-methanesulfonylamino-phenyl, 3-methyl-isoxazole-4-yl, 3-morpholin-4-yl-phenyl, 3-piperidin-1-yl-phenyl, 3-pyrrolidin-1-yl-phenyl, 4-(2,2,2-trifluoro-ethoxy)-phenyl, 4,6-dimethyl-pyrid-3-yl, 4-amino-2-ethyl sulfanyl-pyrimidine-5-yl, 4-amino-2-methyl-pyrimidine-5-yl, 4-

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chloro-3-methanesulfonylamino-phenyl, 4-chloro-3-sulfamoyl-phenyl, 4-methyl-3-methylamino-phenyl, 4-methyl-thiazole-5-yl, pyridine-2-yl, pyridine-3-yl, pyridine-4-yl, 5-thiophen-2-yl-pyrid-3-yl, 2-methyl-4-trifluoromethyl-thiazol-5-yl, 5,6,7,8-tetrahydro-quinoline-3-yl, 5-amino-1-phenyl-1H-pyrazole-4-yl, 5-methanesulfonyl-2-methyl-phenyl, 5-methyl-1-phenyl-1H-pyrazole-4-yl, 5-methyl-isoxazole-3-yl, 5-methyl-pyrid-3-yl, 5-methyl-pyrazine-2-yl, 6-chloro-pyrid-3-yl, 6-cyano-pyrid-3-yl, 6-dimethylamino-pyrid-3-yl, 6-ethynyl-pyrid-3-yl, 6-methoxymethyl-pyrid-3-yl, 6-methoxy-pyrid-3-yl, 6-methyl-2-methylamino-pyrid-3-yl, 6-methylamino-pyrazine-2-yl, 6-methyl-pyrid-3-yl, 6-morpholin-4-yl-pyrid-3-yl, 6-pyrrolidin-1-yl-pyrid-3-yl, imidazo[1,2-a]pyridine-2-yl, 6-trifluoromethyl-pyrid-3-yl, and pyrimidine-4-yl.

17. (Currently amended) The method according to ~~any one of~~ claims 12 ~~to 16~~, wherein the mammal is a human.

18. (Original) A pharmaceutical preparation comprising an effective dose of at least one compound of the formula (I) as defined in claim 1 in any of its stereoisomeric forms or a mixture thereof in any ratio and/or a pharmaceutically acceptable salt thereof and a pharmaceutically acceptable carrier.

19. (Original) A pharmaceutical preparation according to claim 18, which pharmaceutical preparation is in the form of a pill, tablet, lacquered tablet, sugar-coated tablet, granule, hard or soft gelatin capsule, aqueous, alcoholic or oily solution, syrup, emulsion or suspension, suppository, solution for injection or infusion, ointment, tincture, spray, transdermal therapeutic systems, nasal spray, aerosol mixture, microcapsule, implant or rod.

20. (Currently amended) A method for ~~the~~ synthesis of a compound according to

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claim 1, which method comprises ~~the~~ coupling reaction of ~~the~~ respective 1,2,3,4-tetrahydronaphthyl amine with ~~an appropriate~~ a respective acid or acid chloride in the presence of an appropriate base and/or an appropriate coupling agent, optionally followed by a functionalization of the thus-obtained compound.

21. (New) The method according to claim 12, wherein the hypertension is chosen from essential hypertension, pulmonary hypertension, secondary hypertension, and renovascular hypertension.

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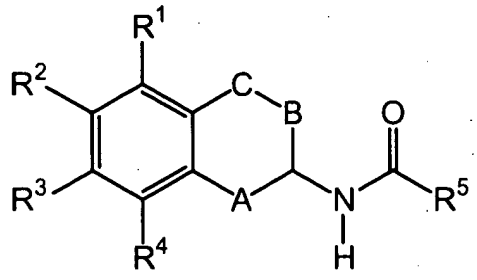
22. (New) The method according to claim 12, wherein the diabetes complications are chosen from nephropathy and retinopathy.

23. (New) The method according to claim 12, which method lowers cardiovascular risk of postmenopausal women and mammals taking contraceptives.

24. (New) A method of treating a mammal suffering from a cardiovascular disease, which method comprises administering to said mammal a physiologically active amount of a compound according to the general formula (I), in any of its stereoisomeric forms or a mixture thereof in any ratio or a pharmaceutically acceptable salt thereof



(I)

wherein, in the formula (I),

R^1 and R^4 are independently from each other chosen from :

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H; unsubstituted and at least monosubstituted C_1-C_{10}-alkyl, C_2-C_{10}-alkenyl and C_2-C_{10}-alkynyl, the substituents of which are chosen from F, OH, C_1-C_8-alkoxy, (C_1-C_8-alkyl)mercapto, CN, $COOR^6$, $CONR^7R^8$, and unsubstituted and at least monosubstituted phenyl and heteroaryl, the substituents of which are chosen from halogens, pseudohalogens, C_1-C_3-alkyl, C_1-C_3-alkoxy and CF_3; unsubstituted and at least monosubstituted phenyl and heteroaryl, the substituents of which are chosen from halogens, pseudohalogens, C_1-C_3-alkyl, C_1-C_3-alkoxy and CF_3; R^9CO; $CONR^{10}R^{11}$; $COOR^{12}$; CF_3; halogens; pseudohalogens; $NR^{13}R^{14}$; OR^{15}; $S(O)_mR_{16}$; $SO_2NR^{17}R^{18}$; and NO_2;

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R^2 and R^3 are independently from each other chosen from:

H; halogens; pseudohalogens; unsubstituted and at least monosubstituted C_1-C_{10}-alkyl the substituents of which are chosen from OH, phenyl, and heteroaryl; OH; C_1-C_{10}-alkoxy; phenoxy; $S(O)_mR^{19}$; CF_3; CN; NO_2; (C_1-C_{10}-alkyl)amino; di(C_1-C_{10}-alkyl)amino; (C_1-C_6-alkyl)-CONH-; unsubstituted and at least monosubstituted phenyl-CONH- and phenyl-SO_2-O-, the substituents of which are chosen from halogens, pseudohalogens, CH_3 and methoxy; (C_1-C_6-alkyl)SO_2-O-; unsubstituted and at least monosubstituted (C_1-C_6-alkyl)CO, the substituents of which are chosen from F, di(C_1-C_3-alkyl)amino, pyrrolidinyl and piperidinyl; and phenyl-CO, the phenyl part of which can be substituted by one or more substituents chosen from C_1-C_3-alkyl, halogens and methoxy;

A is chosen from CH_2, CHOH and CH-(C_1-C_3-alkyl);

B is chosen from CH_2 and CH-(C_1-C_3-alkyl);

C independently has the same meaning as B;

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R^5 is a group Ar or a group Hetar both of which can be unsubstituted or carry one or more substituents chosen from: halogens; pseudohalogens; NH_2; unsubstituted and at least monosubstituted C_1-C_{10}-alkyl, C_2-C_{10}-alkenyl, C_2-C_{10}-alkynyl, C_1-C_{10}-alkoxy, (C_1-C_{10}-alkyl)amino, and di(C_1-C_{10}-alkyl)amino, the substituents of which are chosen from F, OH, C_1-C_8-alkoxy, aryloxy, (C_1-C_8-alkyl)mercapto, NH_2, (C_1-C_8-alkyl)amino, and di(C_1-C_8-alkyl)amino; C_3-C_5-alkandiyl; phenyl; heteroaryl; aryl-substituted C_1-C_4-alkyl; heteroaryl -substituted C_1-C_4-alkyl; CF_3; NO_2; OH; phenoxy; benzyloxy; (C_1-C_{10}-alkyl)COO; $S(O)_mR^{20}$; SH; phenylamino; benzylamino; (C_1-C_{10}-alkyl)-CONH-; (C_1-C_{10}-alkyl)-CON(C_1-C_4-alkyl)-; phenyl-CONH-; phenyl-CON(C_1-C_4-alkyl)-; heteroaryl-CONH-; heteroaryl-CON(C_1-C_4-alkyl)-; (C_1-C_{10}-alkyl)-CO; phenyl-CO; heteroaryl-CO; CF_3-CO; -OCH_2O-; -OCF_2O-; -OCH_2CH_2O-; -CH_2CH_2O-; $COOR^{21}$; $CONR^{22}R^{23}$; $CNH(NH_2)$; $SO_2NR^{24}R^{25}$; $R^{26}SO_2NH$-; $R^{27}SO_2N(C_1$-C_6-alkyl)-; and saturated and at least monounsaturated aliphatic, mononuclear 5- to 7-membered heterocycles containing 1 to 3 heteroatoms chosen from N, O, and S, which heterocycles can be substituted by one or more substituents chosen from halogens, C_1-C_3-alkyl, C_1-C_3-alkoxy, OH, oxo and CF_3, and wherein said heterocycles can optionally be condensed to said group Ar or said group Hetar; and wherein all aryl, heteroaryl, phenyl, aryl-containing, heteroaryl-containing and phenyl-containing groups, which are optionally present in said substituents of said group Ar or said group Hetar, can be substituted by one or more substituents chosen from halogens, pseudohalogens, C_1-C_3-alkyl, OH, C_1-C_3-alkoxy, and CF_3;

R^6 is chosen from:

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H; C_1-C_{10}-alkyl, which can be substituted by one or more substituents chosen from F, C_1-C_8-alkoxy, and di(C_1-C_8-alkyl)amino; aryl-(C_1-C_4-alkyl) and heteroaryl-(C_1-C_4-alkyl), which can be substituted by one or more substituents chosen from halogens, C_1-C_4-alkoxy, and di(C_1-C_6-alkyl)amino;

R^7 is chosen from:

H; C_1-C_{10}-alkyl which can be substituted by one or more substituents chosen from F, C_1-C_8-alkoxy, di(C_1-C_8-alkyl)amino and phenyl; phenyl; indanyl; and heteroaryl; and wherein each of the aforementioned aromatic groups can be unsubstituted or carry one or more substituents chosen from halogens, pseudohalogens, C_1-C_3-alkyl, C_1-C_3-alkoxy and CF_3;

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R^8 is H or C_1-C_{10}-alkyl;

R^9 is chosen from: C_1-C_{10}-alkyl which can be unsubstituted or carry one or more substituents chosen from: F, (C_1-C_4)-alkoxy, di(C_1-C_3-alkyl)amino; and unsubstituted and at least monosubstituted phenyl and heteroaryl, the substituents of which are chosen from C_1-C_3-alkyl, C_1-C_3-alkoxy, halogens, pseudohalogens, and CF_3;

R^{10} independently has the same meaning as R^7;

R^{11} independently has the same meaning as R^8;

R^{12} independently has the same meaning as R^6;

R^{13} is chosen from: H; C_1-C_6-alkyl; unsubstituted and substituted phenyl, benzyl, heteroaryl, (C_1-C_6-alkyl)-CO, phenyl-CO, and heteroaryl-CO, the substituents of which are chosen from halogens, pseudohalogens, C_1-C_3-alkyl, C_1-C_3-alkoxy, and CF_3, and wherein one or more of these substituents can be present;

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R^{14} independently has the same meaning as R^{13};

R^{15} is chosen from: H; C_1-C_{10}-alkyl; (C_1-C_3-alkoxy)-C_1-C_3-alkyl; and substituted and unsubstituted benzyl, phenyl and heteroaryl, the substituents of which are chosen from halogens, pseudohalogens, C_1-C_3-alkyl, C_1-C_3-alkoxy, and CF_3, and wherein one or more of these substituents can be present;

R^{16} is chosen from: C_1-C_{10}-alkyl which can be substituted by one or more substituents chosen from F, OH, C_1-C_8-alkoxy, aryloxy, (C_1-C_8-alkyl)mercapto, (C_1-C_8-alkyl)amino and di(C_1-C_8-alkyl)amino; CF_3; and substituted and unsubstituted phenyl and heteroaryl, the substituents of which are chosen from halogens, pseudohalogens, C_1-C_3-alkyl, C_1-C_3-alkoxy and CF_3, and wherein one or more of these substitutents can be present;

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R^{17} independently has the same meaning as R^7;

R^{18} independently has the same meaning as R^8;

R^{19} independently has the same meaning as R^{16};

R^{20} independently has the same meaning as R^{16};

R^{21} independently has the same meaning as R^6;

R^{22} independently has the same meaning as R^7;

R^{23} independently has the same meaning as R^8;

R^{24} independently has the same meaning as R^7;

R^{25} independently has the same meaning as R^8;

R^{26} independently has the same meaning as R^{16};

R^{27} independently has the same meaning as R^{16};

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heteroaryl is a 5 to 10-membered, aromatic, mono- or bicyclic heterocycle containing one or more heteroatoms chosen from N, O, and S;

the group Hetar is a 5 to 10-membered, aromatic, mono- or bicyclic heterocycle containing one or more heteroatoms chosen from N, O, and S;

aryl is phenyl, naphth-1-yl or naphth-2-yl;

the group Ar is phenyl, naphth-1-yl or naphth-2-yl; and

m is 0, 1 or 2;

wherein the physiologically active amount of the compound according to the general formula (I) in any of its stereoisomeric forms or a mixture thereof in any ratio or a pharmaceutically acceptable salt thereof stimulates the expression of endothelial NO-synthase in the mammal.

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25. (New) The method according to claim 24, wherein the compound of the general formula (I) is chosen from compounds of the general formula (i), wherein

R^1 is chosen from: H; C_1-C_4-alkyl; C_1-C_4-alkoxy; CF_3; halogens; pseudohalogens; (C_1-C_4-alkyl)-$S(O)_m$-; and unsubstituted and at least monosubstituted phenyl and heteroaryl, the substituents of which are chosen from halogens, pseudohalogens, C_1-C_3-alkyl, C_1-C_3-alkoxy and CF_3, and wherein heteroaryl is chosen from 5- and 6-membered heterocycles containing one or more heteroatoms chosen from N, O, and S;

R^2 and R^3 are independently from each other chosen from: H; halogens; pseudohalogens; and C_1-C_3-alkyl;

R^4 independently has the same meaning as R^1;

A is chosen from CH_2 and CHOH;

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B and C are independently from each other chosen from CH_2 and CH-CH_3;

R^5 is a group Ar or a group Hetar both of which can be unsubstituted or carry one or more substituents chosen from: halogens; CN; NH_2; unsubstituted and at least monosubstituted C_1-C_8-alkyl, C_2-C_8-alkenyl, C_2-C_8-alkynyl, C_1-C_8-alkoxy, (C_1-C_8-alkyl)amino, and di(C_1-C_8-alkyl)amino, the substituents of which are chosen from F, C_1-C_6-alkoxy, phenoxy, (C_1-C_6-alkyl)mercapto, NH_2, (C_1-C_6-alkyl)amino, and di(C_1-C_6-alkyl)amino; C_3-C_5-alkandiyl; phenyl; heteroaryl; phenyl- substituted C_1-C_2-alkyl; heteroaryl-substituted C_1-C_2-alkyl; CF_3; OH; phenoxy; benzyloxy; (C_1-C_6-alkyl)COO; $S(O)_m$(C_1-C_6)-alkyl; $S(O)_m$-phenyl; $S(O)_m$-heteroaryl; SH; phenylamino; benzylamino; (C_1-C_6-alkyl)-CONH-; (C_1-C_6-alkyl)-CON(C_1-C_4-alkyl)-; phenyl-CONH-; phenyl-CON(C_1-C_4-alkyl)-; heteroaryl-CONH-; heteroaryl-CON(C_1-C_4-alkyl)-; (C_1-C_6-alkyl)-CO; phenyl-CO; heteroaryl-CO; CF_3-CO; -OCH_2O-; -OCF_2O-; -OCH_2CH_2O-; -CH_2CH_2O-; COO(C_1-C_6-alkyl); -$CONH_2$; -CONH(C_1-C_6-alkyl); -CON(di(C_1-C_6-alkyl)); CNH(NH_2); -SO_2NH_2; -SO_2NH(C_1-C_6-alkyl); -SO_2NH(phenyl); -SO_2N(di(C_1-C_6-alkyl)); (C_1-C_6-alkyl)SO_2NH-; (C_1-C_6-alkyl)SO_2N(C_1-C_6-alkyl)-; phenyl-SO_2NH-; phenyl-SO_2N(C_1-C_6-alkyl)-; heteroaryl-SO_2NH-; heteroaryl-SO_2N(C_1-C_6-alkyl)-; and saturated and at least monounsaturated aliphatic, mononuclear 5- to 7-membered heterocycles containing 1 to 3 heteroatoms chosen from N, O, and S, which heterocycles can be substituted by one or more substituents chosen from halogens, C_1-C_3-alkyl, C_1-C_3-alkoxy, OH, oxo and CF_3, and wherein said heterocycles can optionally be condensed to said group Ar or said group Hetar; and wherein all heteroaryl, phenyl, heteroaryl-containing and phenyl-containing groups, which are optionally

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present in said substituents of said group Ar or said group Hetar, can be substituted by one or more substituents chosen from halogens, pseudohalogens, C_1-C_3-alkyl, OH, C_1-C_3-alkoxy, and CF_3;

heteroaryl is a 5 to 10-membered, aromatic, mono- or bicyclic heterocycle containing one or more heteroatoms chosen from N, O, and S;

the group Hetar is a 5 to 10-membered, aromatic, mono- or bicyclic heterocycle containing one or more heteroatoms chosen from N, O, and S;

the group Ar is phenyl, naphth-1-yl or naphth-2-yl; and

m is 0 or 2.

26. (New) The method according to claim 24, wherein the compound according to the general formula (I) is chosen from the compounds of the general formula (I), wherein

R^1 is H, halogen, or C_1-C_4-alkyl;

R^2 and R^3 are each H;

R^4 independently has the same meaning as R^1;

A is CH_2;

R^5 is phenyl or a group Hetar both of which can be unsubstituted or carry one or more substituents chosen from: halogens; CN; NH_2; unsubstituted and at least monosubstituted C_1-C_6-alkyl, C_2-C_6-alkenyl, C_2-C_6-alkynyl, C_1-C_3-alkoxy, (C_1-C_4-alkyl)amino, and di(C_1-C_4-alkyl)amino, the substituents of which are chosen from F, C_1-C_3-alkoxy, (C_1-C_3-alkyl)mercapto, and NH_2; C_3-C_5-alkandiyl; phenyl; heteroaryl; phenyl-substituted C_1-C_2-alkyl; heteroaryl- substituted C_1-C_2-alkyl; CF_3; OH; (C_1-C_4-alkyl)COO; $S(O)_m$(C_1-C_4)-alkyl; (C_1-C_4-alkyl)-CONH-; (C_1-C_4-

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alkyl)-CON(C_1-C_4-alkyl)-; (C_1-C_4-alkyl)-CO; phenyl-CO; heteroaryl-CO; CF_3-CO; -OCH_2O-; -OCF_2O-; -OCH_2CH_2O-; -CH_2CH_2O-; COO(C_1-C_6-alkyl); -$CONH_2$; -CONH(C_1-C_4-alkyl); -CON(di(C_1-C_4-alkyl)); CNH(NH_2); -SO_2NH_2; -SO_2NH(C_1-C_4-alkyl); -SO_2NH(phenyl); -SO_2N(di(C_1-C_4-alkyl)); (C_1-C_4-alkyl)SO_2NH-; (C_1-C_4-alkyl)SO_2N(C_1-C_4-alkyl)-; and saturated and at least monounsaturated aliphatic, mononuclear 5- to 7-membered heterocycles containing 1 to 3 heteroatoms chosen from N, O, and S, which heterocycles can be substituted by one or more substituents chosen from halogens, C_1-C_3-alkyl, C_1-C_3-alkoxy, OH, oxo and CF_3, and wherein said heterocycles can optionally be condensed to said phenyl or said group Hetar; and wherein all heteroaryl, phenyl, heteroaryl-containing and phenyl-containing groups, which are optionally present in said substituents of said phenyl or said group Hetar, can be substituted by one or more substituents chosen from halogens, pseudohalogens, C_1-C_3-alkyl, OH, C_1-C_3-alkoxy, and CF_3;

heteroaryl is a 5 to 10-membered, aromatic, mono- or bicyclic heterocycle containing one, two or three heteroatoms chosen from N, O, and S;

the group Hetar is a 5 to 10-membered, aromatic, mono- or bicyclic heterocycle containing one, two or three heteroatoms chosen from N, O, and S; and

m is 0 or 2.

27. (New) The method according to claim 24, wherein the compound according to the general formula (I) is chosen from the compounds of the general formula (I) wherein

R^1 is H, halogen, or C_1-C_4-alkyl;

R^2 and R^3 are each H;

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R^4 independently has the same meaning as R^1;

A and B are each CH_2;

C is CH_2 or $CH\text{-}CH_3$;

R^5 is phenyl or a group Hetar both of which can be unsubstituted or carry one or more substituents chosen from: F; Cl; Br; C_1-C_3-alkyl; C_1-C_3-alkoxymethyl; 2-amino-3,3,3-trifluoro-propyl-; CF_3; C_3-C_5-alkandiyl; phenyl; heteroaryl; benzyl; heteroaryl-methyl; OH; C_1-C_3-alkoxy; phenoxy; trifluoromethoxy; 2,2,2-trifluoroethoxy; (C_1-C_4-alkyl)COO; (C_1-C_3-alkyl)mercapto; phenylmercapto; (C_1-C_3-alkyl)sulfonyl; phenylsulfonyl; NH_2; (C_1-C_4-alkyl)amino; di(C_1-C_4-alkyl)amino; (C_1-C_3-alkyl)-CONH-; (C_1-C_3-alkyl)-SO_2NH-; (C_1-C_3-alkyl)-CO; phenyl-CO; -OCH_2O-; -OCF_2O-; -CH_2CH_2O-; COO(C_1-C_4-alkyl); -$CONH_2$; -CONH(C_1-C_4-alkyl); -CON(di(C_1-C_4-alkyl)); CN; -SO_2NH_2; -SO_2NH(C_1-C_4-alkyl); -SO_2N(di(C_1-C_4-alkyl)); pyrrolidinyl; piperidinyl; morpholinyl; and thiomorpholinyl; and wherein all heteroaryl, phenyl, heteroaryl-containing and phenyl-containing groups, which are optionally present in said substituents of said phenyl or said group Hetar, can be substituted by one or more substituents chosen from halogens, pseudohalogens, C_1-C_3-alkyl, OH, C_1-C_3-alkoxy, and CF_3;

heteroaryl is chosen from: furyl, pyrrolyl, thienyl, thiazolyl, isothiazolyl, oxazolyl, isoxazolyl, pyrazolyl, imidazolyl, pyridazinyl, pyrazinyl, pyridyl, pyrimidinyl, benzoimidazolyl, benzothiazolyl, benzoxazolyl, quinolinyl, isoquinolinyl, quinoxalinyl, quinazolyl, indolyl, benzofuranyl, benzothiophenyl, and indazolyl;

the group Hetar is chosen from: furyl, pyrrolyl, thienyl, thiazolyl, isothiazolyl, oxazolyl, isoxazolyl, pyrazolyl, imidazolyl, pyridazinyl, pyrazinyl, pyridyl,

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pyrimidinyl, benzoimidazolyl, benzothiazolyl, benzoxazolyl, quinolinyl, isoquinolinyl, quinoxalinyl, quinazolyl, indolyl, benzofuranyl, benzothiophenyl, and indazolyl.

28. (New) The method according to claim 24, wherein the compound according to the general formula (I) is chosen from the compounds of the general formula (I) wherein

R^1 is H, halogen or C_1-C_4-alkyl;

R^2 and R^3 are each H;

R^4 independently has the same meaning as R^1;

A and B are each CH_2;

C is CH_2 or CH-CH_3;

R^5 is chosen from: 4-fluorophenyl, 4-chlorophenyl, 4-bromophenyl, 4-(C_1-C_3-alkoxy)-phenyl, 4-trifluoromethoxyphenyl, 2-bromo-4-fluorophenyl, 2-chloro-4-fluorophenyl, 3,4-dimethylphenyl, 2,4-dimethylphenyl, 4-chloro-2-methylphenyl, 2-hydroxy-4-methylphenyl, 2-hydroxy-4-ethoxyphenyl, 2-methoxy-4-methylphenyl, 4-phenoxyphenyl, 3-fluoro-4-methylphenyl, benzo[1,3]dioxol-5-yl, 2,2-difluoro-benzo[1,3]dioxol-5-yl, 2,3-dihydrobenzofuran-5-yl, 1-(4-chloro-phenyl)-5-trifluoromethyl-1H-pyrazole-4-yl, 1-(4-fluoro-phenyl)-3,5-dimethyl-1H-pyrazole-4-yl, 1H-benzotriazole-5-yl, 1H-indole-4-yl, 1H-indole-6-yl, 1-isopropyl-2-trifluoromethyl- 1H-benzoimidazole-5-yl, 1-methyl-3-oxo-1,2,3,4-tetrahydro-quinoxaline-6-yl, 1-phenyl-5-trifluoromethyl-1H-pyrazole-4-yl, 2-(2-hydroxy-pyridin-4-yl)-1H-benzoimidazole-5-yl, 2-(4-cyano-phenyl)- 1H-benzoimidazole-5-yl, 2,4-dimethyl-oxazole-5-yl, 2,4-dimethyl-pyrimidine-5-yl, 2,4-dimethyl-thiazole-

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5-yl, 2,5-dimethyl-1H-pyrrole-3-yl, 2,5-dimethyl-1-phenyl-1H-pyrrole-3-yl, 2,5-dimethyl-1-pyridin-4-ylmethyl-1H-pyrrolyl, 2,5-dimethyl-2H-pyrazole-3-yl, 2,6-dichloro-pyrid-3-yl, 2,6-dimethoxy-pyrid-3-yl, 2,6-dimethyl-pyrid-3-yl, 2-amino-4,6-dimethyl-pyrid-3-yl, 2-amino-6-chloro-pyrid-3-yl, 2-amino-pyrid-3-yl, 2-chloro-6-methyl-pyrid-3-yl, 2-chloro-pyrid-4-yl, 2-cyclopropyl-4-methyl-thiazole-5-yl, 2-dimethylamino-4-methyl-thiazole-5-yl, 2-dimethylamino-pyrid-4-yl, 2-ethyl-5-methyl-2H-pyrazole-3-yl, 2-hydroxy-6-methyl-pyrid-3-yl, 2-methyl-1H-benzoimidazole-5-yl, 2-methyl-3H-benzoimidazole-5-yl, 2-methyl-pyrid-3-yl, 2-methyl-6-trifluoromethyl-pyrid-3-yl, 2-methyl-thiazole-5-yl, 2-morpholin-4-yl-pyridin-4-yl, 2-morpholin-4-yl-pyrimidine-5-yl, 2-pyrrolidin-1-yl-pyridin-4-yl, 3,5-dimethyl-1H-pyrazole-4-yl, 3 -amino- 5,6-dimethyl-pyrazine-2-yl, 3-amino-5-methyl-pyrazine-2-yl, 3-amino-pyrazine-2-yl, 3-dimethylamino-4-methyl-phenyl, 3-dimethylamino-phenyl, 3H-benzoimidazole-5-yl, 1H-benzoimidazole-5-yl, 3-methanesulfonylamino-2-methyl-phenyl, 3-methanesulfonylamino-phenyl, 3-methyl-isoxazole-4-yl, 3-morpholin-4-yl-phenyl, 3-piperidin-1-yl-phenyl, 3-pyrrolidin-1-yl-phenyl, 4-(2,2,2-trifluoro-ethoxy)-phenyl, 4,6-dimethyl-pyrid-3-yl, 4-amino-2-ethyl sulfanyl-pyrimidine-5-yl, 4-amino-2-methyl-pyrimidine-5-yl, 4-chloro-3-methanesulfonylamino-phenyl, 4-chloro-3-sulfamoyl-phenyl, 4-methyl-3-methylamino-phenyl, 4-methyl-thiazole-5-yl, pyridine-2-yl, pyridine-3-yl, pyridine-4-yl, 5-thiophen-2-yl-pyrid-3-yl, 2-methyl-4-trifluoromethyl-thiazol-5-yl, 5,6,7,8-tetrahydro-quinoline-3-yl, 5-amino-1-phenyl-1H-pyrazole-4-yl, 5-methanesulfonyl-2-methyl-phenyl, 5-methyl-1-phenyl-1H-pyrazole-4-yl, 5-methyl-isoxazole-3-yl, 5-methyl-pyrid-3-yl, 5-methyl-pyrazine-2-yl, 6-chloro-pyrid-3-yl, 6-cyano-pyrid-3-yl,

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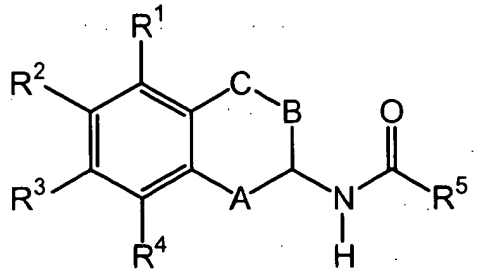
6-dimethylamino-pyrid-3-yl, 6-ethynyl-pyrid-3-yl, 6-methoxymethyl-pyrid-3-yl, 6-methoxy-pyrid-3-yl, 6-methyl-2-methylamino-pyrid-3-yl, 6-methylamino-pyrazine-2-yl, 6-methyl-pyrid-3-yl, 6-morpholin-4-yl-pyrid-3-yl, 6-pyrrolidin-1-yl-pyrid-3-yl, imidazo[1,2-a]pyridine-2-yl, 6-trifluoromethyl-pyrid-3-yl, and pyrimidine-4-yl.

29. (New) The method according to claim 24, wherein the mammal is a human.

30. (New) A method of treating a mammal suffering from a disease chosen from stable and unstable angina pectoris, coronary heart disease, Prinzmetal angina, acute coronary syndrome, heart failure, myocardial infarction, stroke, thrombosis, peripheral artery occlusive disease, endothelial dysfunction, atherosclerosis, restenosis, endothelial damage after PTCA; hypertension, chronic glomerulonephritis, erectile dysfunction, ventricular arrhythmia, diabetes, diabetes complications, angiogenesis, asthma bronchiale, chronic renal failure, cirrhosis of the liver, osteoporosis, diseases with symptoms of restricted memory performance and/or a restricted ability to learn, which method comprises administering to said mammal a physiologically active amount of a compound according to the general formula (I), in any of its stereoisomeric forms or a mixture thereof in any ratio or a pharmaceutically acceptable salt thereof



(I)

wherein R^1 is H, halogen or C_1-C_4-alkyl;

R^2 and R^3 are each H;

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R^4 independently has the same meaning as R^1;

A and B are each CH_2;

C is CH_2 or $CH\text{-}CH_3$;

R^5 is chosen from: benzo[1,3]dioxol-5-yl, 2,2-difluoro-benzo[1,3]dioxol-5-yl, 2,3-dihydrobenzofuran-5-yl, 1-(4-chloro-phenyl)-5-trifluoromethyl-1H-pyrazole-4-yl, 1-(4-fluoro-phenyl)-3,5-dimethyl-1H-pyrazole-4-yl, 1H-benzotriazole-5-yl, 1H-indole-4-yl, 1H-indole-6-yl, 1-isopropyl-2-trifluoromethyl- 1H-benzoimidazole-5-yl, 1-methyl-3 -oxo- 1,2,3,4-tetrahydro-quinoxaline-6-yl, 1-phenyl-5-trifluoromethyl-1H-pyrazole-4-yl, 2-(2-hydroxy-pyridin-4-yl)-1H-benzoimidazole-5-yl, 2-(4-cyano-phenyl)-1H-benzoimidazole-5-yl, 2,4-dimethyl-oxazole-5-yl, 2,4-dimethyl-pyrimidine-5-yl, 2,4-dimethyl-thiazole-5-yl, 2,5-dimethyl-1H-pyrrole-3-yl, 2,5-dimethyl-1-phenyl-1H-pyrrole-3-yl, 2,5-dimethyl-1-pyridin-4-ylmethyl-1H-pyrrolyl, 2,5-dimethyl-2H-pyrazole-3-yl, 2,6-dichloro-pyrid-3-yl, 2,6-dimethoxy-pyrid-3-yl, 2,6-dimethyl-pyrid-3-yl, 2-amino-4,6-dimethyl-pyrid-3-yl, 2-amino-6-chloro-pyrid-3-yl, 2-amino-pyrid-3-yl, 2-chloro-6-methyl-pyrid-3-yl, 2-chloro-pyrid-4-yl, 2-cyclopropyl-4-methyl-thiazole-5-yl, 2-dimethylamino-4-methyl-thiazole-5-yl, 2-dimethylamino-pyrid-4-yl, 2-ethyl-5-methyl-2H-pyrazole-3-yl, 2-hydroxy-6-methyl-pyrid-3-yl, 2-methyl-1H-benzoimidazole-5-yl, 2-methyl-3H-benzoimidazole-5-yl, 2-methyl-pyrid-3-yl, 2-methyl-6-trifluoromethyl-pyrid-3-yl, 2-methyl-thiazole-5-yl, 2-morpholin-4-yl-pyridin-4-yl, 2-morpholin-4-yl-pyrimidine-5-yl, 2-pyrrolidin-1-yl-pyridin-4-yl, 3,5-dimethyl-1H-pyrazole-4-yl, 3-amino-5,6-dimethyl-pyrazine-2-yl, 3-amino-5-methyl-pyrazine-2-yl, 3-amino-pyrazine-2-yl, 3H-benzoimidazole-5-yl, 1H-benzoimidazole-5-yl, 3-methyl-isoxazole-4-yl, 4,6-dimethyl-pyrid-3-yl, 4-

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amino-2-ethylsulfanyl-pyrimidine-5-yl, 4-amino-2-methyl-pyrimidine-5-yl, 4-methyl-thiazole-5-yl, pyridine-2-yl, pyridine-3-yl, pyridine-4-yl, 5-thiophen-2-yl-pyrid-3-yl, 2-methyl-4-trifluoromethyl-thiazol-5-yl, 5,6,7,8-tetrahydro-quinoline-3-yl, 5 -amino-1-phenyl-1H-pyrazole-4-yl, 5-methyl-1-phenyl-1H-pyrazole-4-yl, 5-methyl-isoxazole-3-yl, 5-methyl-pyrid-3-yl, 5-methyl-pyrazine-2-yl, 6-chloro-pyrid-3-yl, 6-cyano-pyrid-3-yl, 6-dimethylamino-pyrid-3-yl, 6-ethynyl-pyrid-3-yl, 6-methoxymethyl-pyrid-3-yl, 6-methoxy-pyrid-3-yl, 6-methyl-2-methylamino-pyrid-3-yl, 6-methylamino-pyrazine-2-yl, 6-methyl-pyrid-3-yl, 6-morpholin-4-yl-pyrid-3-yl, 6-pyrrolidin-1-yl-pyrid-3-yl, imidazo[1,2-a]pyridine-2-yl, 6-trifluoromethyl-pyrid-3-yl, and pyrimidine-4-yl.

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31. (New) The method according to claim 30, wherein the hypertension is chosen from essential hypertension, pulmonary hypertension, secondary hypertension, and renovascular hypertension.

32. (New) The method according to claim 30, wherein the diabetes complications are chosen from nephropathy and retinopathy.

33. (New) The method according to claim 30, which method lowers cardiovascular risk of postmenopausal women and mammals taking contraceptives.

34. (New) The method according to claim 30, wherein the mammal is a human.

35. (New) A method of treating a mammal suffering from a cardiovascular disease, which method comprises administering to said mammal a physiologically active amount of a compound according to the general formula (I), in any of its stereoisomeric forms or a mixture thereof in any ratio or a pharmaceutically acceptable salt thereof

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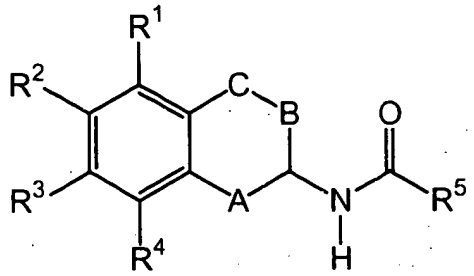

(I)

wherein R^1 is H, halogen or C_1-C_4-alkyl;

R^2 and R^3 are each H;

R^4 independently has the same meaning as R^1;

A and B are each CH_2;

C is CH_2 or $CH\text{-}CH_3$;

R^5 is chosen from: benzo[1,3]dioxol-5-yl, 2,2-difluoro-benzo[1,3]dioxol-5-yl, 2,3-dihydrobenzofuran-5-yl, 1-(4-chloro-phenyl)-5-trifluoromethyl-1H-pyrazole-4-yl, 1-(4-fluoro-phenyl)-3,5-dimethyl-1H-pyrazole-4-yl, 1H-benzotriazole-5-yl, 1H-indole-4-yl, 1H-indole-6-yl, 1-isopropyl-2-trifluoromethyl- 1H-benzoimidazole-5-yl, 1-methyl-3 -oxo- 1,2,3,4-tetrahydro-quinoxaline-6-yl, 1-phenyl-5-trifluoromethyl-1H-pyrazole-4-yl, 2-(2-hydroxy-pyridin-4-yl)-1H-benzoimidazole-5-yl, 2-(4-cyano-phenyl)-1H-benzoimidazole-5-yl, 2,4-dimethyl-oxazole-5-yl, 2,4-dimethyl-pyrimidine-5-yl, 2,4-dimethyl-thiazole-5-yl, 2,5-dimethyl-1H-pyrrole-3-yl, 2,5-dimethyl-1-phenyl-1H-pyrrole-3-yl, 2,5-dimethyl-1-pyridin-4-ylmethyl-1H-pyrrolyl, 2,5-dimethyl-2H-pyrazole-3-yl, 2,6-dichloro-pyrid-3-yl, 2,6-dimethoxy-pyrid-3-yl, 2,6-dimethyl-pyrid-3-yl, 2-amino-4,6-dimethyl-pyrid-3-yl, 2-amino-6-chloro-pyrid-3-yl, 2-amino-pyrid-3-yl, 2-chloro-6-methyl-pyrid-3-yl, 2-chloro-pyrid-4-yl, 2-cyclopropyl-4-methyl-thiazole-5-yl, 2-dimethylamino-4-methyl-thiazole-5-yl, 2-dimethylamino-pyrid-4-yl, 2-ethyl-5-methyl-2H-pyrazole-3-yl, 2-hydroxy-6-methyl-

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pyrid-3-yl, 2-methyl-1H-benzoimidazole-5-yl, 2-methyl-3H-benzoimidazole-5-yl, 2-methyl-pyrid-3-yl, 2-methyl-6-trifluoromethyl-pyrid-3-yl, 2-methyl-thiazole-5-yl, 2-morpholin-4-yl-pyridin-4-yl, 2-morpholin-4-yl-pyrimidine-5-yl, 2-pyrrolidin-1-yl-pyridin-4-yl, 3,5-dimethyl-1H-pyrazole-4-yl, 3-amino-5,6-dimethyl-pyrazine-2-yl, 3-amino-5-methyl-pyrazine-2-yl, 3-amino-pyrazine-2-yl, 3H-benzoimidazole-5-yl, 1H-benzoimidazole-5-yl, 3-methyl-isoxazole-4-yl, 4,6-dimethyl-pyrid-3-yl, 4-amino-2-ethylsulfanyl-pyrimidine-5-yl, 4-amino-2-methyl-pyrimidine-5-yl, 4-methyl-thiazole-5-yl, pyridine-2-yl, pyridine-3-yl, pyridine-4-yl, 5-thiophen-2-yl-pyrid-3-yl, 2-methyl-4-trifluoromethyl-thiazol-5-yl, 5,6,7,8-tetrahydro-quinoline-3-yl, 5 -amino-1-phenyl-1H-pyrazole-4-yl, 5-methyl-1-phenyl-1H-pyrazole-4-yl, 5-methyl-isoxazole-3-yl, 5-methyl-pyrid-3-yl, 5-methyl-pyrazine-2-yl, 6-chloro-pyrid-3-yl, 6-cyano-pyrid-3-yl, 6-dimethylamino-pyrid-3-yl, 6-ethynyl-pyrid-3-yl, 6-methoxymethyl-pyrid-3-yl, 6-methoxy-pyrid-3-yl, 6-methyl-2-methylamino-pyrid-3-yl, 6-methylamino-pyrazine-2-yl, 6-methyl-pyrid-3-yl, 6-morpholin-4-yl-pyrid-3-yl, 6-pyrrolidin-1-yl-pyrid-3-yl, imidazo[1,2-a]pyridine-2-yl, 6-trifluoromethyl-pyrid-3-yl, and pyrimidine-4-yl.

36. (New) The method according to claim 35, wherein the mammal is a human.

37. (New) A method of treating a mammal suffering from a disease chosen from stable and unstable angina pectoris, coronary heart disease, acute coronary syndrome, heart failure, myocardial infarction, thrombosis, peripheral artery occlusive disease, endothelial dysfunction, atherosclerosis, restenosis, endothelial damage after PTCA, hypertension, and osteoporosis, which method comprises administering to said mammal a physiologically active amount of a

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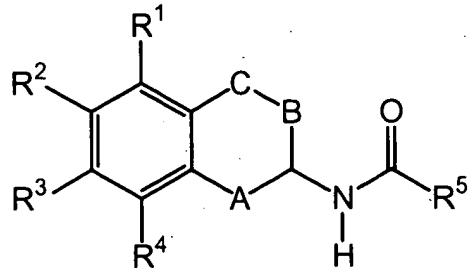
compound according to the general formula (I), in any of its stereoisomeric forms or a mixture thereof in any ratio or a pharmaceutically acceptable salt thereof



(I)

wherein, in the formula (I),

R^1 and R^4 are independently from each other chosen from :

H; unsubstituted and at least monosubstituted C_1-C_{10}-alkyl, C_2-C_{10}-alkenyl and C_2-C_{10}-alkynyl, the substituents of which are chosen from F, OH, C_1-C_8-alkoxy, (C_1-C_8-alkyl)mercapto, CN, $COOR^6$, $CONR^7R^8$, and unsubstituted and at least monosubstituted phenyl and heteroaryl, the substituents of which are chosen from halogens, pseudohalogens, C_1-C_3-alkyl, C_1-C_3-alkoxy and CF_3; unsubstituted and at least monosubstituted phenyl and heteroaryl, the substituents of which are chosen from halogens, pseudohalogens, C_1-C_3-alkyl, C_1-C_3-alkoxy and CF_3; R^9CO; $CONR^{10}R^{11}$; $COOR^{12}$; CF_3; halogens; pseudohalogens; $NR^{13}R^{14}$; OR^{15}; $S(O)_mR_{16}$; $SO_2NR^{17}R^{18}$; and NO_2;

R^2 and R^3 are independently from each other chosen from:

H; halogens; pseudohalogens; unsubstituted and at least monosubstituted C_1-C_{10}-alkyl the substituents of which are chosen from OH, phenyl, and heteroaryl; OH; C_1-C_{10}-alkoxy; phenoxy; $S(O)_mR^{19}$; CF_3; CN; NO_2; (C_1-C_{10}-alkyl)amino; di(C_1-C_{10}-alkyl)amino; (C_1-C_6-alkyl)-CONH-; unsubstituted and at least

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monosubstituted phenyl-CONH- and phenyl-SO_2-O-, the substituents of which are chosen from halogens, pseudohalogens, CH_3 and methoxy; (C_1-C_6-alkyl)SO_2-O-; unsubstituted and at least monosubstituted (C_1-C_6-alkyl)CO, the substituents of which are chosen from F, di(C_1-C_3-alkyl)amino, pyrrolidinyl and piperidinyl; and phenyl-CO, the phenyl part of which can be substituted by one or more substituents chosen from C_1-C_3-alkyl, halogens and methoxy;

A is chosen from CH_2, CHOH and CH-(C_1-C_3-alkyl);

B is chosen from CH_2 and CH-(C_1-C_3-alkyl);

C independently has the same meaning as B;

R^5 is a group Ar or a group Hetar both of which can be unsubstituted or carry one or more substituents chosen from: halogens; pseudohalogens; NH_2; unsubstituted and at least monosubstituted C_1-C_{10}-alkyl, C_2-C_{10}-alkenyl, C_2-C_{10}-alkynyl, C_1-C_{10}-alkoxy, (C_1-C_{10}-alkyl)amino, and di(C_1-C_{10}-alkyl)amino; the substituents of which are chosen from F, OH, C_1-C_8-alkoxy, aryloxy, (C_1-C_8-alkyl)mercapto, NH_2, (C_1-C_8-alkyl)amino, and di(C_1-C_8-alkyl)amino; C_3-C_5-alkandiyl; phenyl; heteroaryl; aryl-substituted C_1-C_4-alkyl; heteroaryl -substituted C_1-C_4-alkyl; CF_3; NO_2; OH; phenoxy; benzyloxy; (C_1-C_{10}-alkyl)COO; $S(O)_mR^{20}$; SH; phenylamino; benzylamino; (C_1-C_{10}-alkyl)-CONH-; (C_1-C_{10}-alkyl)-CON(C_1-C_4-alkyl)-; phenyl-CONH-; phenyl-CON(C_1-C_4-alkyl)-; heteroaryl-CONH-; heteroaryl-CON(C_1-C_4-alkyl)-; (C_1-C_{10}-alkyl)-CO; phenyl-CO; heteroaryl-CO; CF_3-CO; -OCH_2O-; -OCF_2O-; -OCH_2CH_2O-; -CH_2CH_2O-; $COOR^{21}$; $CONR^{22}R^{23}$; $CNH(NH_2)$; $SO_2NR^{24}R^{25}$; $R^{26}SO_2NH$-; $R^{27}SO_2N$(C_1-C_6-alkyl)-; and saturated and at least monounsaturated aliphatic, mononuclear 5- to 7-membered heterocycles

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containing 1 to 3 heteroatoms chosen from N, O, and S, which heterocycles can be substituted by one or more substituents chosen from halogens, C_1-C_3-alkyl, C_1-C_3-alkoxy, OH, oxo and CF_3, and wherein said heterocycles can optionally be condensed to said group Ar or said group Hetar; and wherein all aryl, heteroaryl, phenyl, aryl-containing, heteroaryl-containing and phenyl-containing groups, which are optionally present in said substituents of said group Ar or said group Hetar, can be substituted by one or more substituents chosen from halogens, pseudohalogens, C_1-C_3-alkyl, OH, C_1-C_3-alkoxy, and CF_3;

A1

R^6 is chosen from:

H; C_1-C_{10}-alkyl, which can be substituted by one or more substituents chosen from F, C_1-C_8-alkoxy, and di(C_1-C_8-alkyl)amino; aryl-(C_1-C_4-alkyl) and heteroaryl-(C_1-C_4-alkyl), which can be substituted by one or more substituents chosen from halogens, C_1-C_4-alkoxy, and di(C_1-C_6-alkyl)amino;

R^7 is chosen from:

H; C_1-C_{10}-alkyl which can be substituted by one or more substituents chosen from F, C_1-C_8-alkoxy, di(C_1-C_8-alkyl)amino and phenyl; phenyl; indanyl; and heteroaryl; and wherein each of the aforementioned aromatic groups can be unsubstituted or carry one or more substituents chosen from halogens, pseudohalogens, C_1-C_3-alkyl, C_1-C_3-alkoxy and CF_3;

R^8 is H or C_1-C_{10}-alkyl;

R^9 is chosen from: C_1-C_{10}-alkyl which can be unsubstituted or carry one or more substituents chosen from: F, (C_1-C_4)-alkoxy, di(C_1-C_3-alkyl)amino; and unsubstituted and at least monosubstituted phenyl and heteroaryl, the

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substituents of which are chosen from C_1-C_3-alkyl, C_1-C_3-alkoxy, halogens, pseudohalogens, and CF_3;

R^{10} independently has the same meaning as R^7;

R^{11} independently has the same meaning as R^8;

R^{12} independently has the same meaning as R^6;

R^{13} is chosen from: H; C_1-C_6-alkyl; unsubstituted and substituted phenyl, benzyl, heteroaryl, (C_1-C_6-alkyl)-CO, phenyl-CO, and heteroaryl-CO, the substituents of which are chosen from halogens, pseudohalogens, C_1-C_3-alkyl, C_1-C_3-alkoxy, and CF_3, and wherein one or more of these substituents can be present;

A1

R^{14} independently has the same meaning as R^{13};

R^{15} is chosen from: H; C_1-C_{10}-alkyl; (C_1-C_3-alkoxy)-C_1-C_3-alkyl; and substituted and unsubstituted benzyl, phenyl and heteroaryl, the substituents of which are chosen from halogens, pseudohalogens, C_1-C_3-alkyl, C_1-C_3-alkoxy, and CF_3, and wherein one or more of these substituents can be present;

R^{16} is chosen from: C_1-C_{10}-alkyl which can be substituted by one or more substituents chosen from F, OH, C_1-C_8-alkoxy, aryloxy, (C_1-C_8-alkyl)mercapto, (C_1-C_8-alkyl)amino and di(C_1-C_8-alkyl)amino; CF_3; and substituted and unsubstituted phenyl and heteroaryl, the substituents of which are chosen from halogens, pseudohalogens, C_1-C_3-alkyl, C_1-C_3-alkoxy and CF_3, and wherein one or more of these substitutents can be present;

R^{17} independently has the same meaning as R^7;

R^{18} independently has the same meaning as R^8;

R^{19} independently has the same meaning as R^{16};

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R^{20} independently has the same meaning as R^{16};

R^{21} independently has the same meaning as R^{6};

R^{22} independently has the same meaning as R^{7};

R^{23} independently has the same meaning as R^{8};

R^{24} independently has the same meaning as R^{7};

R^{25} independently has the same meaning as R^{8};

R^{26} independently has the same meaning as R^{16};

R^{27} independently has the same meaning as R^{16};

heteroaryl is a 5 to 10-membered, aromatic, mono- or bicyclic heterocycle containing one or more heteroatoms chosen from N, O, and S;

the group Hetar is a 5 to 10-membered, aromatic, mono- or bicyclic heterocycle containing one or more heteroatoms chosen from N, O, and S;

aryl is phenyl, naphth-1-yl or naphth-2-yl;

the group Ar is phenyl, naphth-1-yl or naphth-2-yl; and

m is 0, 1 or 2.

38. (New) The method according to claim 37, wherein the compound according to the general formula (I) is chosen from compounds of the general formula (I), wherein

R^1 is chosen from: H; C_1-C_4-alkyl; C_1-C_4-alkoxy; CF_3; halogens; pseudohalogens; (C_1-C_4-alkyl)-$S(O)_m$-; and unsubstituted and at least monosubstituted phenyl and heteroaryl, the substituents of which are chosen from halogens, pseudohalogens, C_1-C_3-alkyl, C_1-C_3-alkoxy and CF_3, and wherein

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heteroaryl is chosen from 5- and 6-membered heterocycles containing one or more heteroatoms chosen from N, O, and S;

R^2 and R^3 are independently from each other chosen from: H; halogens; pseudohalogens; and C_1-C_3-alkyl;

R^4 independently has the same meaning as R^1;

A is chosen from CH_2 and CHOH;

B and C are independently from each other chosen from CH_2 and CH-CH_3;

R^5 is a group Ar or a group Hetar both of which can be unsubstituted or carry one or more substituents chosen from: halogens; CN; NH_2; unsubstituted and at least monosubstituted C_1-C_8-alkyl, C_2-C_8-alkenyl, C_2-C_8-alkynyl, C_1-C_8-alkoxy, (C_1-C_8-alkyl)amino, and di(C_1-C_8-alkyl)amino, the substituents of which are chosen from F, C_1-C_6-alkoxy, phenoxy, (C_1-C_6-alkyl)mercapto, NH_2, (C_1-C_6-alkyl)amino, and di(C_1-C_6-alkyl)amino; C_3-C_5-alkandiyl; phenyl; heteroaryl; phenyl-substituted C_1-C_2-alkyl; heteroaryl-substituted C_1-C_2-alkyl; CF_3; OH; phenoxy; benzyloxy; (C_1-C_6-alkyl)COO; $S(O)_m$(C_1-C_6)-alkyl; $S(O)_m$-phenyl; $S(O)_m$-heteroaryl; SH; phenylamino; benzylamino; (C_1-C_6-alkyl)-CONH-; (C_1-C_6-alkyl)-CON(C_1-C_4-alkyl)-; phenyl-CONH-; phenyl-CON(C_1-C_4-alkyl)-; heteroaryl-CONH-; heteroaryl-CON(C_1-C_4-alkyl)-; (C_1-C_6-alkyl)-CO; phenyl-CO; heteroaryl-CO; CF_3-CO; -OCH_2O-; -OCF_2O-; -OCH_2CH_2O-; -CH_2CH_2O-; COO(C_1-C_6-alkyl); -$CONH_2$; -CONH(C_1-C_6-alkyl); -CON(di(C_1-C_6-alkyl)); CNH(NH_2); -SO_2NH_2; -SO_2NH(C_1-C_6-alkyl); -SO_2NH(phenyl); -SO_2N(di(C_1-C_6-alkyl)); (C_1-C_6-alkyl)SO_2NH-; (C_1-C_6-alkyl)SO_2N(C_1-C_6-alkyl)-; phenyl-SO_2NH-; phenyl-SO_2N(C_1-C_6-alkyl)-; heteroaryl-SO_2NH-; heteroaryl-SO_2N(C_1-C_6-alkyl)-; and saturated and at least

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monounsaturated aliphatic, mononuclear 5- to 7-membered heterocycles containing 1 to 3 heteroatoms chosen from N, O, and S, which heterocycles can be substituted by one or more substituents chosen from halogens, C_1-C_3-alkyl, C_1-C_3-alkoxy, OH, oxo and CF_3, and wherein said heterocycles can optionally be condensed to said group Ar or said group Hetar; and wherein all heteroaryl, phenyl, heteroaryl-containing and phenyl-containing groups, which are optionally present in said substituents of said group Ar or said group Hetar, can be substituted by one or more substituents chosen from halogens, pseudohalogens, C_1-C_3-alkyl, OH, C_1-C_3-alkoxy, and CF_3;

heteroaryl is a 5 to 10-membered, aromatic, mono- or bicyclic heterocycle containing one or more heteroatoms chosen from N, O, and S;

the group Hetar is a 5 to 10-membered, aromatic, mono- or bicyclic heterocycle containing one or more heteroatoms chosen from N, O, and S;

the group Ar is phenyl, naphth-1-yl or naphth-2-yl; and

m is 0 or 2.

39. (New) The method according to claim 37, wherein the compound according to the general formula (I) is chosen from the compounds of the general formula (I), wherein

R^1 is H, halogen, or C_1-C_4-alkyl;

R^2 and R^3 are each H;

R^4 independently has the same meaning as R^1;

A is CH_2;

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R^5 is phenyl or a group Hetar both of which can be unsubstituted or carry one or more substituents chosen from: halogens; CN; NH_2; unsubstituted and at least monosubstituted C_1-C_6-alkyl, C_2-C_6-alkenyl, C_2-C_6-alkynyl, C_1-C_3-alkoxy, (C_1-C_4-alkyl)amino, and di(C_1-C_4-alkyl)amino, the substituents of which are chosen from F, C_1-C_3-alkoxy, (C_1-C_3-alkyl)mercapto, and NH_2; C_3-C_5-alkandiyl; phenyl; heteroaryl; phenyl-substituted C_1-C_2-alkyl; heteroaryl- substituted C_1-C_2-alkyl; CF_3; OH; (C_1-C_4-alkyl)COO; $S(O)_m$(C_1-C_4)-alkyl; (C_1-C_4-alkyl)-CONH-; (C_1-C_4-alkyl)-CON(C_1-C_4-alkyl)-; (C_1-C_4-alkyl)-CO; phenyl-CO; heteroaryl-CO; CF_3-CO; -OCH_2O-; -OCF_2O-; -OCH_2CH_2O-; -CH_2CH_2O-; COO(C_1-C_6-alkyl); -$CONH_2$; -CONH(C_1-C_4-alkyl); -CON(di(C_1-C_4-alkyl)); CNH(NH_2); -SO_2NH_2; -SO_2NH(C_1-C_4-alkyl); -SO_2NH(phenyl); -SO_2N(di(C_1-C_4-alkyl)); (C_1-C_4-alkyl)SO_2NH-; (C_1-C_4-alkyl)SO_2N(C_1-C_4-alkyl)-; and saturated and at least monounsaturated aliphatic, mononuclear 5- to 7-membered heterocycles containing 1 to 3 heteroatoms chosen from N, O, and S, which heterocycles can be substituted by one or more substituents chosen from halogens, C_1-C_3-alkyl, C_1-C_3-alkoxy, OH, oxo and CF_3, and wherein said heterocycles can optionally be condensed to said phenyl or said group Hetar; and wherein all heteroaryl, phenyl, heteroaryl-containing and phenyl-containing groups, which are optionally present in said substituents of said phenyl or said group Hetar, can be substituted by one or more substituents chosen from halogens, pseudohalogens, C_1-C_3-alkyl, OH, C_1-C_3-alkoxy, and CF_3; heteroaryl is a 5 to 10-membered, aromatic, mono- or bicyclic heterocycle containing one, two or three heteroatoms chosen from N, O, and S;

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the group Hetar is a 5 to 10-membered, aromatic, mono- or bicyclic heterocycle containing one, two or three heteroatoms chosen from N, O, and S; and

m is 0 or 2.

40. (New) The method according to claim 37, wherein the compound according to the general formula (I) is chosen from the compounds of the general formula (I) wherein

R^1 is H, halogen, or C_1-C_4-alkyl;

R^2 and R^3 are each H;

R^4 independently has the same meaning as R^1;

A and B are each CH_2;

C is CH_2 or CH-CH_3;

R^5 is phenyl or a group Hetar both of which can be unsubstituted or carry one or more substituents chosen from: F; Cl; Br; C_1-C_3-alkyl; C_1-C_3-alkoxymethyl; 2-amino-3,3,3-trifluoro-propyl-; CF_3; C_3-C_5-alkandiyl; phenyl; heteroaryl; benzyl; heteroaryl-methyl; OH; C_1-C_3-alkoxy; phenoxy; trifluoromethoxy; 2,2,2-trifluoroethoxy; (C_1-C_4-alkyl)COO; (C_1-C_3-alkyl)mercapto; phenylmercapto; (C_1-C_3-alkyl)sulfonyl; phenylsulfonyl; NH_2; (C_1-C_4-alkyl)amino; di(C_1-C_4-alkyl)amino; (C_1-C_3-alkyl)-CONH-; (C_1-C_3-alkyl)-SO_2NH-; (C_1-C_3-alkyl)-CO; phenyl-CO; -OCH_2O-; -OCF_2O-; -CH_2CH_2O-; COO(C_1-C_4-alkyl); -$CONH_2$; -CONH(C_1-C_4-alkyl); -CON(di(C_1-C_4-alkyl)); CN; -SO_2NH_2; -SO_2NH(C_1-C_4-alkyl); -SO_2N(di(C_1-C_4-alkyl)); pyrrolidinyl; piperidinyl; morpholinyl; and thiomorpholinyl; and wherein all heteroaryl, phenyl, heteroaryl-containing and phenyl-containing groups, which are optionally present in said substituents of said phenyl or said group Hetar, can

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be substituted by one or more substituents chosen from halogens, pseudohalogens, C_1-C_3-alkyl, OH, C_1-C_3-alkoxy, and CF_3;

heteroaryl is chosen from: furyl, pyrrolyl, thienyl, thiazolyl, isothiazolyl, oxazolyl, isoxazolyl, pyrazolyl, imidazolyl, pyridazinyl, pyrazinyl, pyridyl, pyrimidinyl, benzoimidazolyl, benzothiazolyl, benzoxazolyl, quinolinyl, isoquinolinyl, quinoxalinyl, quinazolyl, indolyl, benzofuranyl, benzothiophenyl, and indazolyl;

the group Hetar is chosen from: furyl, pyrrolyl, thienyl, thiazolyl, isothiazolyl, oxazolyl, isoxazolyl, pyrazolyl, imidazolyl, pyridazinyl, pyrazinyl, pyridyl, pyrimidinyl, benzoimidazolyl, benzothiazolyl, benzoxazolyl, quinolinyl, isoquinolinyl, quinoxalinyl, quinazolyl, indolyl, benzofuranyl, benzothiophenyl, and indazolyl.

41. (New) The method according to claim 37, wherein the compound according to the general formula (I) is chosen from the compounds of the general formula (I) wherein

R^1 is H, halogen or C_1-C_4-alkyl;

R^2 and R^3 are each H;

R^4 independently has the same meaning as R^1;

A and B are each CH_2;

C is CH_2 or CH-CH_3;

R^5 is chosen from: 4-fluorophenyl, 4-chlorophenyl, 4-bromophenyl, 4-(C_1-C_3-alkoxy)-phenyl, 4-trifluoromethoxyphenyl, 2-bromo-4-fluorophenyl, 2-chloro-4-fluorophenyl, 3,4-dimethylphenyl, 2,4-dimethylphenyl, 4-chloro-2-methylphenyl, 2-hydroxy-4-methylphenyl, 2-hydroxy-4-ethoxyphenyl, 2-methoxy-4-

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methylphenyl, 4-phenoxyphenyl, 3-fluoro-4-methylphenyl, benzo[1,3]dioxol-5-yl, 2,2-difluoro-benzo[1,3]dioxol-5-yl, 2,3-dihydrobenzofuran-5-yl, 1-(4-chloro-phenyl)-5-trifluoromethyl-1H-pyrazole-4-yl, 1-(4-fluoro-phenyl)-3,5-dimethyl-1H-pyrazole-4-yl, 1H-benzotriazole-5-yl, 1H-indole-4-yl, 1H-indole-6-yl, 1-isopropyl-2-trifluoromethyl-1H-benzoimidazole-5-yl, 1-methyl-3-oxo-1,2,3,4-tetrahydro-quinoxaline-6-yl, 1-phenyl-5-trifluoromethyl-1H-pyrazole-4-yl, 2-(2-hydroxy-pyridin-4-yl)-1H-benzoimidazole-5-yl, 2-(4-cyano-phenyl)- 1H-benzoimidazole-5-yl, 2,4-dimethyl-oxazole-5-yl, 2,4-dimethyl-pyrimidine-5-yl, 2,4-dimethyl-thiazole-5-yl, 2,5-dimethyl-1H-pyrrole-3-yl, 2,5-dimethyl-1-phenyl-1H-pyrrole-3-yl, 2,5-dimethyl-1-pyridin-4-ylmethyl-1H-pyrrolyl, 2,5-dimethyl-2H-pyrazole-3-yl, 2,6-dichloro-pyrid-3-yl, 2,6-dimethoxy-pyrid-3-yl, 2,6-dimethyl-pyrid-3-yl, 2-amino-4,6-dimethyl-pyrid-3-yl, 2-amino-6-chloro-pyrid-3-yl, 2-amino-pyrid-3-yl, 2-chloro-6-methyl-pyrid-3-yl, 2-chloro-pyrid-4-yl, 2-cyclopropyl-4-methyl-thiazole-5-yl, 2-dimethylamino-4-methyl-thiazole-5-yl, 2-dimethylamino-pyrid-4-yl, 2-ethyl-5-methyl-2H-pyrazole-3-yl, 2-hydroxy-6-methyl-pyrid-3-yl, 2-methyl-1H-benzoimidazole-5-yl, 2-methyl-3H-benzoimidazole-5-yl, 2-methyl-pyrid-3-yl, 2-methyl-6-trifluoromethyl-pyrid-3-yl, 2-methyl-thiazole-5-yl, 2-morpholin-4-yl-pyridin-4-yl, 2-morpholin-4-yl-pyrimidine-5-yl, 2-pyrrolidin-1-yl-pyridin-4-yl, 3,5-dimethyl-1H-pyrazole-4-yl, 3 -amino- 5,6-dimethyl-pyrazine-2-yl, 3-amino-5-methyl-pyrazine-2-yl, 3-amino-pyrazine-2-yl, 3-dimethylamino-4-methyl-phenyl, 3-dimethylamino-phenyl, 3H-benzoimidazole-5-yl, 1H-benzoimidazole-5-yl, 3-methanesulfonylamino-2-methyl-phenyl, 3-methanesulfonylamino-phenyl, 3-methyl-isoxazole-4-yl, 3-morpholin-4-yl-phenyl, 3-piperidin-1-yl-phenyl, 3-

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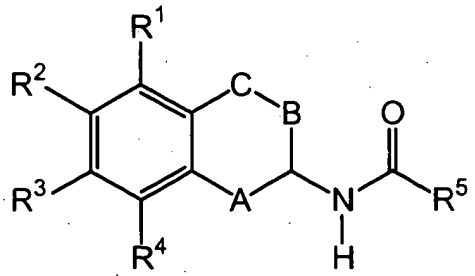
pyrrolidin-1-yl-phenyl, 4-(2,2,2-trifluoro-ethoxy)-phenyl, 4,6-dimethyl-pyrid-3-yl, 4-amino-2-ethyl sulfanyl-pyrimidine-5-yl, 4-amino-2-methyl-pyrimidine-5-yl, 4-chloro-3-methanesulfonylamino-phenyl, 4-chloro-3-sulfamoyl-phenyl, 4-methyl-3-methylamino-phenyl, 4-methyl-thiazole-5-yl, pyridine-2-yl, pyridine-3-yl, pyridine-4-yl, 5-thiophen-2-yl-pyrid-3-yl, 2-methyl-4-trifluoromethyl-thiazol-5-yl, 5,6,7,8-tetrahydro-quinoline-3-yl, 5-amino-1-phenyl-1H-pyrazole-4-yl, 5-methanesulfonyl-2-methyl-phenyl, 5-methyl-1-phenyl-1H-pyrazole-4-yl, 5-methyl-isoxazole-3-yl, 5-methyl-pyrid-3-yl, 5-methyl-pyrazine-2-yl, 6-chloro-pyrid-3-yl, 6-cyano-pyrid-3-yl, 6-dimethylamino-pyrid-3-yl, 6-ethynyl-pyrid-3-yl, 6-methoxymethyl-pyrid-3-yl, 6-methoxy-pyrid-3-yl, 6-methyl-2-methylamino-pyrid-3-yl, 6-methylamino-pyrazine-2-yl, 6-methyl-pyrid-3-yl, 6-morpholin-4-yl-pyrid-3-yl, 6-pyrrolidin-1-yl-pyrid-3-yl, imidazo[1,2-a]pyridine-2-yl, 6-trifluoromethyl-pyrid-3-yl, and pyrimidine-4-yl.

42. (New) The method according to claim 37, wherein the mammal is a human.

43. (New) A method of treating a mammal suffering from a cardiovascular disease, which method comprises administering to said mammal a physiologically active amount of a compound according to the general formula (I), in any of its stereoisomeric forms or a mixture thereof in any ratio or a pharmaceutically acceptable salt thereof



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wherein, in the formula (I),

R^1 and R^4 are independently from each other chosen from :

H; unsubstituted and at least monosubstituted C_1-C_{10}-alkyl, C_2-C_{10}-alkenyl and C_2-C_{10}-alkynyl, the substituents of which are chosen from F, OH, C_1-C_8-alkoxy, (C_1-C_8-alkyl)mercapto, CN, $COOR^6$, $CONR^7R^8$, and unsubstituted and at least monosubstituted phenyl and heteroaryl, the substituents of which are chosen from halogens, pseudohalogens, C_1-C_3-alkyl, C_1-C_3-alkoxy and CF_3; unsubstituted and at least monosubstituted phenyl and heteroaryl, the substituents of which are chosen from halogens, pseudohalogens, C_1-C_3-alkyl, C_1-C_3-alkoxy and CF_3; R^9CO; $CONR^{10}R^{11}$; $COOR^{12}$; CF_3; halogens; pseudohalogens; $NR^{13}R^{14}$; OR^{15}; $S(O)_mR_{16}$; $SO_2NR^{17}R^{18}$; and NO_2;

R^2 and R^3 are independently from each other chosen from:

H; halogens; pseudohalogens; unsubstituted and at least monosubstituted C_1-C_{10}-alkyl the substituents of which are chosen from OH, phenyl, and heteroaryl; OH; C_1-C_{10}-alkoxy; phenoxy; $S(O)_mR^{19}$; CF_3; CN; NO_2; (C_1-C_{10}-alkyl)amino; di(C_1-C_{10}-alkyl)amino; (C_1-C_6-alkyl)-CONH-; unsubstituted and at least monosubstituted phenyl-CONH- and phenyl-SO_2-O-, the substituents of which are chosen from halogens, pseudohalogens, CH_3 and methoxy; (C_1-C_6-alkyl)SO_2-O-; unsubstituted and at least monosubstituted (C_1-C_6-alkyl)CO, the substituents of which are chosen from F, di(C_1-C_3-alkyl)amino, pyrrolidinyl and piperidinyl; and phenyl-CO, the phenyl part of which can be substituted by one or more substituents chosen from C_1-C_3-alkyl, halogens and methoxy;

A is chosen from CH_2, CHOH and CH-(C_1-C_3-alkyl);

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B is chosen from CH_2 and CH-(C_1-C_3-alkyl);

C independently has the same meaning as B;

R^5 is a group Ar or a group Hetar both of which can be unsubstituted or carry one or more substituents chosen from: halogens; pseudohalogens; NH_2; unsubstituted and at least monosubstituted C_1-C_{10}-alkyl, C_2-C_{10}-alkenyl, C_2-C_{10}-alkynyl, C_1-C_{10}-alkoxy, (C_1-C_{10}-alkyl)amino, and di(C_1-C_{10}-alkyl)amino, the substituents of which are chosen from F, OH, C_1-C_8-alkoxy, aryloxy, (C_1-C_8-alkyl)mercapto, NH_2, (C_1-C_8-alkyl)amino, and di(C_1-C_8-alkyl)amino; C_3-C_5-alkandiyl; phenyl; heteroaryl; aryl-substituted C_1-C_4-alkyl; heteroaryl -substituted C_1-C_4-alkyl; CF_3; NO_2; OH; phenoxy; benzyloxy; (C_1-C_{10}-alkyl)COO; $S(O)_mR^{20}$; SH; phenylamino; benzylamino; (C_1-C_{10}-alkyl)-CONH-; (C_1-C_{10}-alkyl)-CON(C_1-C_4-alkyl)-; phenyl-CONH-; phenyl-CON(C_1-C_4-alkyl)-; heteroaryl-CONH-; heteroaryl-CON(C_1-C_4-alkyl)-; (C_1-C_{10}-alkyl)-CO; phenyl-CO; heteroaryl-CO; CF_3-CO; -OCH_2O-; -OCF_2O-; -OCH_2CH_2O-; -CH_2CH_2O-; $COOR^{21}$; $CONR^{22}R^{23}$; $CNH(NH_2)$; $SO_2NR^{24}R^{25}$; $R^{26}SO_2NH$-; $R^{27}SO_2N(C_1$-C_6-alkyl)-; and saturated and at least monounsaturated aliphatic, mononuclear 5- to 7-membered heterocycles containing 1 to 3 heteroatoms chosen from N, O, and S, which heterocycles can be substituted by one or more substituents chosen from halogens, C_1-C_3-alkyl, C_1-C_3-alkoxy, OH, oxo and CF_3, and wherein said heterocycles can optionally be condensed to said group Ar or said group Hetar; and wherein all aryl, heteroaryl, phenyl, aryl-containing, heteroaryl-containing and phenyl-containing groups, which are optionally present in said substituents of said group Ar or said group

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Hetar, can be substituted by one or more substituents chosen from halogens, pseudohalogens, C_1-C_3-alkyl, OH, C_1-C_3-alkoxy, and CF_3;

R^6 is chosen from:

H; C_1-C_{10}-alkyl, which can be substituted by one or more substituents chosen from F, C_1-C_8-alkoxy, and di(C_1-C_8-alkyl)amino; aryl-(C_1-C_4-alkyl) and heteroaryl-(C_1-C_4-alkyl), which can be substituted by one or more substituents chosen from halogens, C_1-C_4-alkoxy, and di(C_1-C_6-alkyl)amino;

R^7 is chosen from:

H; C_1-C_{10}-alkyl which can be substituted by one or more substituents chosen from F, C_1-C_8-alkoxy, di(C_1-C_8-alkyl)amino and phenyl; phenyl; indanyl; and heteroaryl; and wherein each of the aforementioned aromatic groups can be unsubstituted or carry one or more substituents chosen from halogens; pseudohalogens, C_1-C_3-alkyl, C_1-C_3-alkoxy and CF_3;

R^8 is H or C_1-C_{10}-alkyl;

R^9 is chosen from: C_1-C_{10}-alkyl which can be unsubstituted or carry one or more substituents chosen from: F, (C_1-C_4)-alkoxy, di(C_1-C_3-alkyl)amino; and unsubstituted and at least monosubstituted phenyl and heteroaryl, the substituents of which are chosen from C_1-C_3-alkyl, C_1-C_3-alkoxy, halogens, pseudohalogens, and CF_3;

R^{10} independently has the same meaning as R^7;

R^{11} independently has the same meaning as R^8;

R^{12} independently has the same meaning as R^6;

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R^{13} is chosen from: H; C_1-C_6-alkyl; unsubstituted and substituted phenyl, benzyl, heteroaryl, (C_1-C_6-alkyl)-CO, phenyl-CO, and heteroaryl-CO, the substituents of which are chosen from halogens, pseudohalogens, C_1-C_3-alkyl, C_1-C_3-alkoxy, and CF_3, and wherein one or more of these substituents can be present;

R^{14} independently has the same meaning as R^{13};

R^{15} is chosen from: H; C_1-C_{10}-alkyl; (C_1-C_3-alkoxy)-C_1-C_3-alkyl; and substituted and unsubstituted benzyl, phenyl and heteroaryl, the substituents of which are chosen from halogens, pseudohalogens, C_1-C_3-alkyl, C_1-C_3-alkoxy, and CF_3, and wherein one or more of these substituents can be present;

R^{16} is chosen from: C_1-C_{10}-alkyl which can be substituted by one or more substituents chosen from F, OH, C_1-C_8-alkoxy, aryloxy, (C_1-C_8-alkyl)mercapto, (C_1-C_8-alkyl)amino and di(C_1-C_8-alkyl)amino; CF_3; and substituted and unsubstituted phenyl and heteroaryl, the substituents of which are chosen from halogens, pseudohalogens, C_1-C_3-alkyl, C_1-C_3-alkoxy and CF_3, and wherein one or more of these substitutents can be present;

R^{17} independently has the same meaning as R^7;

R^{18} independently has the same meaning as R^8;

R^{19} independently has the same meaning as R^{16};

R^{20} independently has the same meaning as R^{16};

R^{21} independently has the same meaning as R^6;

R^{22} independently has the same meaning as R^7;

R^{23} independently has the same meaning as R^8;

R^{24} independently has the same meaning as R^7;

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R^{25} independently has the same meaning as R^8;

R^{26} independently has the same meaning as R^{16};

R^{27} independently has the same meaning as R^{16};

heteroaryl is a 5 to 10-membered, aromatic, mono- or bicyclic heterocycle containing one or more heteroatoms chosen from N, O, and S;

the group Hetar is a 5 to 10-membered, aromatic, mono- or bicyclic heterocycle containing one or more heteroatoms chosen from N, O, and S;

aryl is phenyl, naphth-1-yl or naphth-2-yl;

the group Ar is phenyl, naphth-1-yl or naphth-2-yl; and

m is 0, 1 or 2.

A1

44. (New) The method according to claim 43, wherein the compound according to the general formula (I) is chosen from compounds of the general formula (I), wherein

R^1 is chosen from: H; C_1-C_4-alkyl; C_1-C_4-alkoxy; CF_3; halogens; pseudohalogens; (C_1-C_4-alkyl)-$S(O)_m$-; and unsubstituted and at least monosubstituted phenyl and heteroaryl, the substituents of which are chosen from halogens, pseudohalogens, C_1-C_3-alkyl, C_1-C_3-alkoxy and CF_3, and wherein heteroaryl is chosen from 5- and 6-membered heterocycles containing one or more heteroatoms chosen from N, O, and S;

R^2 and R^3 are independently from each other chosen from: H; halogens; pseudohalogens; and C_1-C_3-alkyl;

R^4 independently has the same meaning as R^1;

A is chosen from CH_2 and CHOH;

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B and C are independently from each other chosen from CH_2 and $CH\text{-}CH_3$;

R^5 is a group Ar or a group Hetar both of which can be unsubstituted or carry one or more substituents chosen from: halogens; CN; NH_2; unsubstituted and at least monosubstituted C_1-C_8-alkyl, C_2-C_8-alkenyl, C_2-C_8-alkynyl, C_1-C_8-alkoxy, (C_1-C_8-alkyl)amino, and di(C_1-C_8-alkyl)amino, the substituents of which are chosen from F, C_1-C_6-alkoxy, phenoxy, (C_1-C_6-alkyl)mercapto, NH_2, (C_1-C_6-alkyl)amino, and di(C_1-C_6-alkyl)amino; C_3-C_5-alkandiyl; phenyl; heteroaryl; phenyl-substituted C_1-C_2-alkyl; heteroaryl-substituted C_1-C_2-alkyl; CF_3; OH; phenoxy; benzyloxy; (C_1-C_6-alkyl)COO; $S(O)_m$(C_1-C_6)-alkyl; $S(O)_m$-phenyl; $S(O)_m$-heteroaryl; SH; phenylamino; benzylamino; (C_1-C_6-alkyl)-CONH-; (C_1-C_6-alkyl)-CON(C_1-C_4-alkyl)-; phenyl-CONH-; phenyl-CON(C_1-C_4-alkyl)-; heteroaryl-CONH-; heteroaryl-CON(C_1-C_4-alkyl)-; (C_1-C_6-alkyl)-CO; phenyl-CO; heteroaryl-CO; CF_3-CO; $-OCH_2O-$; $-OCF_2O-$; $-OCH_2CH_2O-$; $-CH_2CH_2O-$; COO(C_1-C_6-alkyl); $-CONH_2$; -CONH(C_1-C_6-alkyl); -CON(di(C_1-C_6-alkyl)); CNH(NH_2); $-SO_2NH_2$; $-SO_2NH$(C_1-C_6-alkyl); $-SO_2NH$(phenyl); $-SO_2N$(di(C_1-C_6-alkyl)); (C_1-C_6-alkyl)SO_2NH-; (C_1-C_6-alkyl)SO_2N(C_1-C_6-alkyl)-; phenyl-SO_2NH-; phenyl-SO_2N(C_1-C_6-alkyl)-; heteroaryl-SO_2NH-; heteroaryl-SO_2N(C_1-C_6-alkyl)-; and saturated and at least monounsaturated aliphatic, mononuclear 5- to 7-membered heterocycles containing 1 to 3 heteroatoms chosen from N, O, and S, which heterocycles can be substituted by one or more substituents chosen from halogens, C_1-C_3-alkyl, C_1-C_3-alkoxy, OH, oxo and CF_3, and wherein said heterocycles can optionally be condensed to said group Ar or said group Hetar; and wherein all heteroaryl, phenyl, heteroaryl-containing and phenyl-containing groups, which are optionally

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present in said substituents of said group Ar or said group Hetar, can be substituted by one or more substituents chosen from halogens, pseudohalogens, C_1-C_3-alkyl, OH, C_1-C_3-alkoxy, and CF_3;

heteroaryl is a 5 to 10-membered, aromatic, mono- or bicyclic heterocycle containing one or more heteroatoms chosen from N, O, and S;

the group Hetar is a 5 to 10-membered, aromatic, mono- or bicyclic heterocycle containing one or more heteroatoms chosen from N, O, and S;

the group Ar is phenyl, naphth-1-yl or naphth-2-yl; and

m is 0 or 2.

45. (New) The method according to claim 43, wherein the compound according to the general formula (I) is chosen from the compounds of the general formula (I), wherein

R^1 is H, halogen, or C_1-C_4-alkyl;

R^2 and R^3 are each H;

R^4 independently has the same meaning as R^1;

A is CH_2;

R^5 is phenyl or a group Hetar both of which can be unsubstituted or carry one or more substituents chosen from: halogens; CN; NH_2; unsubstituted and at least monosubstituted C_1-C_6-alkyl, C_2-C_6-alkenyl, C_2-C_6-alkynyl, C_1-C_3-alkoxy, (C_1-C_4-alkyl)amino, and di(C_1-C_4-alkyl)amino, the substituents of which are chosen from F, C_1-C_3-alkoxy, (C_1-C_3-alkyl)mercapto, and NH_2; C_3-C_5-alkandiyl; phenyl; heteroaryl; phenyl-substituted C_1-C_2-alkyl; heteroaryl- substituted C_1-C_2-alkyl; CF_3; OH; (C_1-C_4-alkyl)COO; $S(O)_m$(C_1-C_4)-alkyl; (C_1-C_4-alkyl)-CONH-; (C_1-C_4-

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alkyl)-CON(C_1-C_4-alkyl)-; (C_1-C_4-alkyl)-CO; phenyl-CO; heteroaryl-CO; CF_3-CO; -OCH_2O-; -OCF_2O-; -OCH_2CH_2O-; -CH_2CH_2O-; COO(C_1-C_6-alkyl); -$CONH_2$; -CONH(C_1-C_4-alkyl); -CON(di(C_1-C_4-alkyl)); CNH(NH_2); -SO_2NH_2; -SO_2NH(C_1-C_4-alkyl); -SO_2NH(phenyl); -SO_2N(di(C_1-C_4-alkyl)); (C_1-C_4-alkyl)SO_2NH-; (C_1-C_4-alkyl)SO_2N(C_1-C_4-alkyl)-; and saturated and at least monounsaturated aliphatic, mononuclear 5- to 7-membered heterocycles containing 1 to 3 heteroatoms chosen from N, O, and S, which heterocycles can be substituted by one or more substituents chosen from halogens, C_1-C_3-alkyl, C_1-C_3-alkoxy, OH, oxo and CF_3, and wherein said heterocycles can optionally be condensed to said phenyl or said group Hetar; and wherein all heteroaryl, phenyl, heteroaryl-containing and phenyl-containing groups, which are optionally present in said substituents of said phenyl or said group Hetar, can be substituted by one or more substituents chosen from halogens, pseudohalogens, C_1-C_3-alkyl, OH, C_1-C_3-alkoxy, and CF_3;

heteroaryl is a 5 to 10-membered, aromatic, mono- or bicyclic heterocycle containing one, two or three heteroatoms chosen from N, O, and S;

the group Hetar is a 5 to 10-membered, aromatic, mono- or bicyclic heterocycle containing one, two or three heteroatoms chosen from N, O, and S; and

m is 0 or 2.

46. (New) The method according to claim 43, wherein the compound according to the general formula (I) is chosen from the compounds of the general formula (I) wherein

R^1 is H, halogen, or C_1-C_4-alkyl;

R^2 and R^3 are each H;

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R^4 independently has the same meaning as R^1;

A and B are each CH_2;

C is CH_2 or $CH\text{-}CH_3$;

R^5 is phenyl or a group Hetar both of which can be unsubstituted or carry one or more substituents chosen from: F; Cl; Br; C_1-C_3-alkyl; C_1-C_3-alkoxymethyl; 2-amino-3,3,3-trifluoro-propyl-; CF_3; C_3-C_5-alkandiyl; phenyl; heteroaryl; benzyl; heteroaryl-methyl; OH; C_1-C_3-alkoxy; phenoxy; trifluoromethoxy; 2,2,2-trifluoroethoxy; (C_1-C_4-alkyl)COO; (C_1-C_3-alkyl)mercapto; phenylmercapto; (C_1-C_3-alkyl)sulfonyl; phenylsulfonyl; NH_2; (C_1-C_4-alkyl)amino; di(C_1-C_4-alkyl)amino; (C_1-C_3-alkyl)-CONH-; (C_1-C_3-alkyl)-SO_2NH-; (C_1-C_3-alkyl)-CO; phenyl-CO; -OCH_2O-; -OCF_2O-; -CH_2CH_2O-; COO(C_1-C_4-alkyl); -$CONH_2$; -CONH(C_1-C_4-alkyl); -CON(di(C_1-C_4-alkyl)); CN; -SO_2NH_2; -SO_2NH(C_1-C_4-alkyl); -SO_2N(di(C_1-C_4-alkyl)); pyrrolidinyl; piperidinyl; morpholinyl; and thiomorpholinyl; and wherein all heteroaryl, phenyl, heteroaryl-containing and phenyl-containing groups, which are optionally present in said substituents of said phenyl or said group Hetar, can be substituted by one or more substituents chosen from halogens, pseudohalogens, C_1-C_3-alkyl, OH, C_1-C_3-alkoxy, and CF_3;

heteroaryl is chosen from: furyl, pyrrolyl, thienyl, thiazolyl, isothiazolyl, oxazolyl, isoxazolyl, pyrazolyl, imidazolyl, pyridazinyl, pyrazinyl, pyridyl, pyrimidinyl, benzoimidazolyl, benzothiazolyl, benzoxazolyl, quinolinyl, isoquinolinyl, quinoxalinyl, quinazolyl, indolyl, benzofuranyl, benzothiophenyl, and indazolyl;

the group Hetar is chosen from: furyl, pyrrolyl, thienyl, thiazolyl, isothiazolyl, oxazolyl, isoxazolyl, pyrazolyl, imidazolyl, pyridazinyl, pyrazinyl, pyridyl,

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pyrimidinyl, benzoimidazolyl, benzothiazolyl, benzoxazolyl, quinolinyl, isoquinolinyl, quinoxalinyl, quinazolyl, indolyl, benzofuranyl, benzothiophenyl, and indazolyl.

47. (New) The method according to claim 43, wherein the compound according to the general formula (I) is chosen from the compounds of the general formula (I) wherein

R^1 is H, halogen or C_1-C_4-alkyl;

R^2 and R^3 are each H;

R^4 independently has the same meaning as R^1;

A and B are each CH_2;

C is CH_2 or CH-CH_3;

R^5 is chosen from: 4-fluorophenyl, 4-chlorophenyl, 4-bromophenyl, 4-(C_1-C_3-alkoxy)-phenyl, 4-trifluoromethoxyphenyl, 2-bromo-4-fluorophenyl, 2-chloro-4-fluorophenyl, 3,4-dimethylphenyl, 2,4-dimethylphenyl, 4-chloro-2-methylphenyl, 2-hydroxy-4-methylphenyl, 2-hydroxy-4-ethoxyphenyl, 2-methoxy-4-methylphenyl, 4-phenoxyphenyl, 3-fluoro-4-methylphenyl, benzo[1,3]dioxol-5-yl, 2,2-difluoro-benzo[1,3]dioxol-5-yl, 2,3-dihydrobenzofuran-5-yl, 1-(4-chloro-phenyl)-5-trifluoromethyl-1H-pyrazole-4-yl, 1-(4-fluoro-phenyl)-3,5-dimethyl-1H-pyrazole-4-yl, 1H-benzotriazole-5-yl, 1H-indole-4-yl, 1H-indole-6-yl, 1-isopropyl-2-trifluoromethyl-1H-benzoimidazole-5-yl, 1-methyl-3-oxo-1,2,3,4-tetrahydro-quinoxaline-6-yl, 1-phenyl-5-trifluoromethyl-1H-pyrazole-4-yl, 2-(2-hydroxy-pyridin-4-yl)-1H-benzoimidazole-5-yl, 2-(4-cyano-phenyl)- 1H-benzoimidazole-5-yl, 2,4-dimethyl-oxazole-5-yl, 2,4-dimethyl-pyrimidine-5-yl, 2,4-dimethyl-thiazole-

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5-yl, 2,5-dimethyl-1H-pyrrole-3-yl, 2,5-dimethyl-1-phenyl-1H-pyrrole-3-yl, 2,5-dimethyl-1-pyridin-4-ylmethyl-1H-pyrrolyl, 2,5-dimethyl-2H-pyrazole-3-yl, 2,6-dichloro-pyrid-3-yl, 2,6-dimethoxy-pyrid-3-yl, 2,6-dimethyl-pyrid-3-yl, 2-amino-4,6-dimethyl-pyrid-3-yl, 2-amino-6-chloro-pyrid-3-yl, 2-amino-pyrid-3-yl, 2-chloro-6-methyl-pyrid-3-yl, 2-chloro-pyrid-4-yl, 2-cyclopropyl-4-methyl-thiazole-5-yl, 2-dimethylamino-4-methyl-thiazole-5-yl, 2-dimethylamino-pyrid-4-yl, 2-ethyl-5-methyl-2H-pyrazole-3-yl, 2-hydroxy-6-methyl-pyrid-3-yl, 2-methyl-1H-benzoimidazole-5-yl, 2-methyl-3H-benzoimidazole-5-yl, 2-methyl-pyrid-3-yl, 2-methyl-6-trifluoromethyl-pyrid-3-yl, 2-methyl-thiazole-5-yl, 2-morpholin-4-yl-pyridin-4-yl, 2-morpholin-4-yl-pyrimidine-5-yl, 2-pyrrolidin-1-yl-pyridin-4-yl, 3,5-dimethyl-1H-pyrazole-4-yl, 3 -amino- 5,6-dimethyl-pyrazine-2-yl, 3-amino-5-methyl-pyrazine-2-yl, 3-amino-pyrazine-2-yl, 3-dimethylamino-4-methyl-phenyl, 3-dimethylamino-phenyl, 3H-benzoimidazole-5-yl, 1H-benzoimidazole-5-yl, 3-methanesulfonylamino-2-methyl-phenyl, 3-methanesulfonylamino-phenyl, 3-methyl-isoxazole-4-yl, 3-morpholin-4-yl-phenyl, 3-piperidin-1-yl-phenyl, 3-pyrrolidin-1-yl-phenyl, 4-(2,2,2-trifluoro-ethoxy)-phenyl, 4,6-dimethyl-pyrid-3-yl, 4-amino-2-ethyl sulfanyl-pyrimidine-5-yl, 4-amino-2-methyl-pyrimidine-5-yl, 4-chloro-3-methanesulfonylamino-phenyl, 4-chloro-3-sulfamoyl-phenyl, 4-methyl-3-methylamino-phenyl, 4-methyl-thiazole-5-yl, pyridine-2-yl, pyridine-3-yl, pyridine-4-yl, 5-thiophen-2-yl-pyrid-3-yl, 2-methyl-4-trifluoromethyl-thiazol-5-yl, 5,6,7,8-tetrahydro-quinoline-3-yl, 5-amino-1-phenyl-1H-pyrazole-4-yl, 5-methanesulfonyl-2-methyl-phenyl, 5-methyl-1-phenyl-1H-pyrazole-4-yl, 5-methyl-isoxazole-3-yl, 5-methyl-pyrid-3-yl, 5-methyl-pyrazine-2-yl, 6-chloro-pyrid-3-yl, 6-cyano-pyrid-3-yl,

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6-dimethylamino-pyrid-3-yl, 6-ethynyl-pyrid-3-yl, 6-methoxymethyl-pyrid-3-yl, 6-methoxy-pyrid-3-yl, 6-methyl-2-methylamino-pyrid-3-yl, 6-methylamino-pyrazine-2-yl, 6-methyl-pyrid-3-yl, 6-morpholin-4-yl-pyrid-3-yl, 6-pyrrolidin-1-yl-pyrid-3-yl, imidazo[1,2-a]pyridine-2-yl, 6-trifluoromethyl-pyrid-3-yl, and pyrimidine-4-yl.

48. (New) The method according to claim 43, wherein the mammal is a human.

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